# Construction News

## RAILWAYS—STEAM AND ELECTRIC

### Proposed Work

**Maryland**—Baltimore & Ohio Railroad Co., Baltimore, applied to Pub. Utilities Comn. for permission to issue $15,000,000 bonds for improving its own lines, also those of Baltimore, Ohio & Chicago Railroad Co., Baltimore, Ohio & Southwestern Railroad Co. and Ohio & Little Kanawha Railroad Co. R. N. Begien, Baltimore, Ch. Engr.

**West Virginia**—Wheeling & Eastern R R. granted charter to construct railway from Wheeling, W. Va., to McCanns Ferry, Penn. T. H. Swartz, Wheeling, Secy. Noted May 25.

**North Carolina**—G. Norwood, Goldsboro and associates, interested in railway from Goldsboro to Seven Springs, about 14 mi.

**North Carolina**—(Press)—Southern Ry. made plans for improving and enlarging shifting yards at Greensboro. B. Herman, Washington, D. C., Ch. Engr. M. W. and Struct.

**Florida**—T. R. Osmond, St. Augustine, interested in electric railway from St. Augustine to Jacksonville, about 40 mi.

**Louisiana**—Alexandria & Western Ry. plans line west from Gardner to Leesville. L. C. Lawless, Garden City, Gen. Mgr.

**Ohio**—Baltimore & Ohio Railroad Co. plans cut-off on Cincinnati, Hamilton & Dayton Ry. between Lebanon Junction and North Dayton. R. N. Begien, Baltimore, Md., Ch. Engr.

**Ohio**—Pennsylvania Lines West of Pittsburgh plans to extend line from Toledo to Detroit, Mich., about $40,000,000. T. Rodd, Pittsburgh, Ch. Engr.

**Illinois**—Wabash Railway Co. plans to double-track line from Decatur, Ill., to Hannibal, Mo. A. O. Cunningham, St. Louis, Mo., Ch. Engr.

**Nebraska**—Omaha, Lincoln & Beatrice Interurban Railway Co., Lincoln, applied to Railway Comn. for permission to increase bond issue to complete line from Lincoln to Omaha. J. M. Bramlette, Lincoln, Gen. Mgr.

**North Dakota**—Equity Engineering Co., Fargo, making surveys for proposed line from Dickinson to Amidon.

**Texas**—Missouri, Kansas & Texas Ry. plans to re-lay its tracks on division between Whitesboro and Wichita Falls. L. F. Lonnbladh, Dallas, Ch. Engr.

**Texas**—San Antonio Traction Co., San Antonio, plans double track on South Flores St. and 800-ft. additional spur tracks. H. Henson, San Antonio, Pur. Agent.

**Oklahoma**—Atchison, Topeka & Santa Fe. Ry. plans line from Sumpter to Blackwell oil field. C. F. W. Felt, Chicago, Ill., Ch. Engr.

**Oklahoma**—Sapulpa & Interurban Ry. purchased by Union Trust Co., St. Louis. New owners will transfer road to Midland Valley R.R. whose lines will then be extended from Glenn Pool to Kiefer.

**Washington**—Oregon-Washington Railroad and Navigation Co. plans line from Murray branch to Ray-Jefferson mine, Spokane, about 10 mi. S. Murray, Portland, Ore., Ch. Engr.

**Oregon**—City, Klamath Falls, election soon to vote on $300,000 bonds for Strahorn Central Oregon R.R. Keeler Bros., Denver, Colo., interested.

**California**—Atchison, Topeka & Santa Fe Ry. granted permission by City Trustees, Porterville, for railway across several streets. C. W. W. Felt, Chicago, Ill., Ch. Engr.

**California**—Atchison, Topeka & Santa Fe Ry. securing right-of-way for branch line from Visalia through Tulare County. C. F. W. Felt, Chicago, Ill., Ch. Engr.

**California**—Western Pacific Ry. plans line to Surprise Valley, San Francisco, about 90 mi. T. G. Wyche, San Francisco, Ch. Engr.

**Ontario**—Guelph Radial Co., Guelph, plans 3,000 ft. new track. A. H. Foster, Guelph, Gen. Mgr.

**Ontario**—Ontario Hydro Comn., Toronto, making plans for radial railways, about $25,000,000. A. Beck, London, Chn.

**Ontario**—Sudbury-Copper Cliff Electric Railway Co. plans extension from Sudbury flour mill to Murray nickel mine, about 4 mi., and one from Sudbury flour mill to plant of Mond Nickel Co. at Coniston, about 19 mi. J. H. Mackey, Sudbury, Pres.

**Saskatchewan**—Council plans 1,200 ft. double track on provincial bridge at 25th St. and Saskatoon Municipal Ry., Saskatoon. G. D. Archibald, City Hall, Saskatoon, Supt.

### Bids In and Contracts Awarded

**Maine**—Maine Central R.R. let contract enlarging yards at Waterville to T. STUART & SONS CO., Newton, Mass., and LATHROP & SHEA CO., New Haven, Conn. Noted Mar. 16.

**South Carolina**—Southern Ry. let contract double-tracking line between Spartanburg and Lawson's Fork to BROOKS-CALLAWAY CO., Atlanta.

**Wisconsin**—Marengo, Lake Geneva & Northern Railway Co. let contract for completing road from Marengo to Delevan to CORTLAND ENGINEERING CO., 42 Broadway, New York.

**Texas**—Lubbock & Great Northern Railroad Co. let contract line from Lubbock, Tex., to Hollis, Okla., about 135 mi., to connect with Missouri, Kansas & Texas Ry. to J. P. NELSON, San Antonio. Noted Aug. 10.

## LIGHT, HEAT AND POWER

### Proposed Work

**N. Y., Ogdensburg**—Aluminum Co. secured right-of-way for power transmission line to Ogdensburg.

**N. Y., Union Springs**—Union Springs Light and Power Co. made plans to improve and extend system. Noted Aug. 31.

**N. J., Hamburg**—See item under "Water-Works."

**N. J., Pompton Lakes**—See item under "Water-Works."

**Penn., Allentown**—Bascom & Sieger, Engr., submitted plans to Council for electric-light plant.

**Penn., Beaver Falls**—Duquesne Light Co., Pittsburgh, purchased plant of Beaver County Light Co. and plans to improve same. About $1,000,000. F. Vhlenhant, Jr., Pittsburgh, Ch. Engr.

**Md., Towson**—State Normal School plans to install electric-light plant.

**Fla., Havana**—See item under "Water-Works." Noted May 25.

**Fla., Miami**—City sold $25,000 bonds for electric-light plant and water-works. H. E. Elrod, Dallas, Engr.

**Mich., Grand Haven**—City plans 3 mi., 6,000-volt transmission line and 200,000 gal. pump in electric-light plant. I. R. Ellison, City Mgr.

**Mich., Hamburg**—L. M. McCleary, Gregory, plans electric-lighting system in Hamburg.

**Ill., Clayton**—I. W. Fisk, Champaign, making surveys for electric-light plant in Clayton.

**Ill., Geneseo**—City voted $48,000 bonds for electric-light plant. B. S. Gray, City Atty. Noted Apr. 27.

**Wis., Broadhead**—Water and Lighting Comn. plans to rebuild power plant or erect new one.

**Iowa, Des Moines**—Des Moines City Railway Co. soon lets contract for rebuilding power station.

**Minn., Hendrum**—Village Council plans electric-lighting system.

**Minn., Hibbing**—City making plans for power plant. C. L. Pillsbury Co., Metropolitan Bldg., Minneapolis, Engr.

**Minn., Hoffman**—Village receiving bids Sept. 20 for electric transmission line and distribution system. E. D. Jackson, St. Paul, Consult. Engr.

**Minn., Pipestone**—Northwestern Light and Power Co. plans transmission line to supply electricity to Edgerton, Woodstock, Jasper and Trosky.

**S. D., Garretson**—City voted $18,000 bonds for enlarging electric-light plant.

**S. D., Worthing**—W. F. Donahue, Worthing, granted franchise by Council to construct electric-light plant in Worthing.

**N. D., Munich**—O. J. Anthony and associates plan electric-light plant in Munich.

**Mont., Columbia Falls**—Montana Power Co., Butte, plans addition to power house, about $500,000.

**Mont., Denton**—Montana Power Co., Great Falls, plans electric-lighting system in Denton.

**Ark., Waldron**—Waldron Power and Ice Co. plans electric-light plant.

**Okla., Wayne**—City Council plans electric-light plant.

**Ore., Myrtle Creek**—City voted $27,000 bonds for improving electric-light plant and water-works system. M. B. Germond, Redmond, Engr. Noted Aug. 17.

**Calif., Sacramento**—City plans electric-light plant. F. C. Miller, City Engr.

**Ont., Elmwood**—Village Council plans hydro-electric power and lighting system.

**Sask., Nokomis**—City plans electric-light plant.

### Bids In and Contracts Awarded

**N. H., Manchester**—Manchester Traction Co. let contract addition to substation to W. M. BAILEY CO., 88 Broad St., Boston.

**Mass., Salem**—Eastern Massachusetts Electric Co. let contract transformer station on Highland Ave. to CLARK & LEE CO., 201 Devonshire St., Boston. About $20,000.

**Ill., Moline**—People's Power Co. let contract 2-story, 32x104-ft. rein.-con. transformer building on 4th St. to H. W. HORST CO., Rock Island. About $80,000.

**Minn., Lamberton**—City let contract transmission line from Lamberton to Wabasso to PEOPLE'S ELECTRIC LIGHT AND POWER CO., Lamberton.

**Neb., Omaha**—Omaha Electric Light and Power Co. let contract addition to power plant to JARRETT-CHAMBERS CO., 30 East 42d St., New York. About $1,000,000. Noted Aug. 17.

**N. D., Lankin**—City let contract electric-light and power plant to M. S. HYLAND, Fargo. Noted June 29.

## BRIDGES

### Proposed Work

**Conn., Mystic**—New York, New Haven & Hartford R.R. plans new bridge over Mystic River. E. Gagel, New Haven, Ch. Engr.

**N. Y., Feura Bush**—New York Central R.R. plans bridge over Hudson River at Feura Bush consisting of 2 spans each 474-ft. long with level approaches on each side of river. E. L. Jenkins, Utica, Superv. Bridges, East of Buffalo.

**N. Y., Seneca Falls**—New York Central R.R. made plans for bridge over Seneca River. K. W. Kittredge, Ch. Engr.

**N. Y., Union**—Towns of Vestal and Union plan $60,000 bond issue for bridge over Susquehanna River. C. Van Amburgh, Binghamton, County Supt. Highways.

**N. J., Chatham**—Bd. Freeholders Morris County authorized $50,000 bond issue, part of which will be used for bridge on Summit Ave. Address County Clk., Morristown. Noted Aug. 31.

**N. J., Newark**—City receives bids about Sept 21 (extension of date), for steel bridge over tracks of Central R.R. of New Jersey on Port St. M. R. Sherrard, City Engr. Noted Aug. 24.

**Penn., Meadville**—State Highway Dept. plans bridge over Muddy Creek, Crawford County. T. A. Gilkey, New Castle, Engr.

**Penn., Washington**—Washington County appointed committee to report on proposed intercounty bridge between Fayette City and Allentown, about $200,000. Address County Clk., Washington.

**Md., Baltimore**—State Roads Com. receiving bids Sept. 26 for rein.-con. arch bridge over Western Run on York Rd.

**Md., Frederick**—Frederick County plans bridge between Thurmont and Sabillasville. Address County Clk., Frederick.

**Va., Richmond**—Council plans 5,500-ft. concrete bridge over James River between Laurel St. and Cowardine Ave., about $300,000. C. E. Bolling, City Engr.

**Va., Sussex**—(Official)—Sussex County receiving bids Sept. 21 for rein.-con. bridge over Spring Swamp. Address County Clk., Sussex. G. P. Coleman, Richmond, State Highway Comr.

**W. Va., Charleston**—City receiving bids Oct. 7 for highway bridge across Campbell's Creek.

**W. Va., Franklin**—(Official)—Pendleton County receiving bids Sept. 25 for 2 bridges. Address County Clk., Franklin.

**W. Va., West Union**—County Court receiving bids Sept. 23 for bridges across South Fork of Hughes River and Robinsons Fork Creek. H. Hutson, Clk.

**S. C., Charleston**—City Sanitary and Drainage Com. plans causeway between Mt. Pleasant and Sullivan's Island. J. H. Dingle, City Engr.

**Fla., Deerfield**—(Official)—City receiving bids Oct. 3 for steel highway bridge. H. C. Davis, Ft. Lauderdale, Engr.

**Fla., Hallandale**—(Official)—City receiving bids Oct. 3 for steel highway bridge. H. C. Davis, Ft. Lauderdale, Engr.

**Fla., Miami**—Dade County voted $600,000 for causeway over Biscayne Bay, about 17,000 ft. Klyce & Kackley, Real Estate Bldg., Engr. Noted Aug. 24.

**Ala., Little River**—Monroe County receiving bids Oct. 3 for 80-ft. rein-con. bridge over Little River. Address County Clk., Monroeville.

**Ala., Montgomery**—Plans made for bridge over Tallapoosa River between Montgomery and Elmore Counties, about $50,000. Address County Clk., Montgomery. Noted Sept. 7.

**Miss., Allen**—Illinois Central R.R. plans 534-ft. bridge. A. S. Baldwin, Chicago, Ill., Ch. Engr.

Bridges (Continued)

**La., Crowley**—Police Juries of Acadia and Jefferson Davis Parishes plan bridge over Mermentau River, about $50,000. Address Clk., Crowley.

**La., New Orleans**—City election Nov. 7 to vote on constitutional amendment authorizing bridge or tunnels over Mississippi River at New Orleans. Public Belt R.R. Comn. in charge of work and has appointed committee to study situation. Noted June 15.

**Tenn., Lawrenceburg**—Lawrence County Highway Comn., receiving bids Sept. 20 for culverts and bridges in connection with 36 mi. road. E. G. Parkes, Lawrenceburg, Secy.

**Ky., Lebanon Junction**—City plans bridge over Wilson Creek to connect with village of Boston.

**Ky., Richmond**—Madison County plans election Nov. 7 to vote on $35,000 bonds to pay part of cost of bridge over Kentuck River at Clays Ferry. Address County Clk., Richmond.

**Ohio, Akron**—Summit County receiving bids Sept. 23 for Johnson Corners Bridge on Akron-Wooster Rd., Norton Township. U. G. High, Akron, Clk. Noted Aug. 24.

**Ohio, Columbus**—County Comrs. making plans for bridge at 3d St. over Olentangy River. Will soon receive bids. About $80,000. Address County Clk., Columbus. Noted Aug. 31.

**Ind., Ft. Wayne**—Allen County appropriated $7,500 for bridge over Spy Run Creek on 4th St. Address County Clk., Ft. Wayne.

**Ind., Richmond**—Wayne County plans 2 concrete bridges, about 600-ft. long, over Whitewater River, about $400,000. Address County Clk., Richmond.

**Mich., Battle Creek**—City plans concrete bridge over Burnham Brook on Garfield Ave. E. N. Hunt, City Engr.

**Mich., Manistee**—Manistee County election Nov. 7 to vote on $5,600 bonds for bridge over Manistee River. Address County Clk., Manistee.

**Ill., Pittsfield**—(Official)—Pike County receiving bids Sept. 20 for steel or concrete bridge in Pleasant Vale Township. Noted July 27.

**Iowa, Bloomfield**—Iowa Highway Comn., Ames, making plans for two 65-ft. pony truss spans and one 26-ft. 8-beam span. H. O. Wray, Bloomfield, County, Engr.

**Iowa, Charles City**—Iowa Highway Comn., Ames, making plans for pony truss span bridge over Little Cedar River between Sects. 26 and 35, Niles Township. G. H. Elliott, Charles City, County Engr.

**Iowa, Independence**—Buchanan County making plans for 3 span rein.-con. bridge over Wapsinicon River, about $42,000. E. A. Bordner, Independence, Audr.

**Minn., Bethel**—(Official)—Board County Comrs. receiving bids Sept. 22 for bridges Nos. 1784, 2195 and 2381. A. A. Caswell, Bethel County Audr. Noted Aug. 17.

**Minn., St. Peter**—City receiving bids Sept. 25 for 65-ft. steel or concrete bridge. M. E. Stone, City Clk.

**Minn., Shakopee**—Scott County voted $15,000 bonds for repairing bridge over Minnesota River. A. J. Mayer, Shakopee, Audr. Noted July 6.

**Neb., Fremont**—Dodge County receiving bids Sept. 26 for bridge work for 1 year. J. O'Connor, Fremont, Clk.

**N. D., Bismarck**—Bismarck Commercial Club plans wagon bridge over Missouri River, about $250,000.

**Mont., Miles City**—Custer County plans 60-ft. steel bridge over Fallon Creek near Ishmay. Address County Clk., Miles City.

**Mo., Kansas City**—(Official)—Bd. Pub. Wks. receiving bids Sept. 26 for rein.-con. arch bridge over Brush Creek at Troost Ave. About $20,000. Curtis Hill, City Engr. Noted Aug. 31.

**Mo., Kansas City**—(Official)—Bd. Pub. Wks. receiving bids Sept. 26 for rein.-con. arch bridge over McGee St. Trafficway at 26th St. About $14,500. Curtis Hill, City Engr.

**Mo., Kansas City**—(Official)—Bd. Pub. Wks. receiving bids Sept. 26 for rein.-con. bridge over Wyandotte St. on 31st St. About $11,700. Curtis Hill, City Engr.

**Mo., Kansas City**—(Official)—Bd. Pub. Wks. receiving bids Sept. 26 for rein.-con. culvert on 51st St. near Indiana Ave. About $5,000. Curtis Hill, City Engr.

**Tex., Gainesville**—Chamber of Commerce revived project to build toll bridge over Red River near Gainesville, about $50,000.

**Tex., Galveston**—Galveston County making plans for 4 concrete bridges on Alta Loma-Dickinson Rd.

**Okla., Arnett**—State Highway Dept., Oklahoma, plans to spend about $10,000 for bridge work in Ellis County.

**Okla., Blackwell**—Kay County Court appropriated $6,000 as part of cost for bridge over Salt Fork connecting Kay and Noble Counties. Address County Clk., Blackwell.

**Okla., Eufaula**—State Highway Dept. Oklahoma, plans to spend about $14,000 for bridge work in McIntos County.

**Okla., Terrell**—City plans bridge over Red River between Oklahoma and Texas.

**Okla., Walter**—State Highway Dept., Oklahoma, plans to spend about $6,000 for bridge work in Cotton County.

**Wash., Spokane**—City receiving bids Sept. 28 for concrete bridge over Spokane River on Washington St., about $25,000. M. Macartney, City Engr.

**Ore., Portland**—Multnomah County receiving bids Sept. 20 for rein.-con. viaduct No. 7 on St. Helen's Rd. J. B. Yeon, Portland, County Rd. Master.

**Calif., Riverside**—City plans bridge at West Riverside. A. P. Campbell, City Engr.

**Calif., Santa Rosa**—Sonoma County appropriated $27,000 for repairing Alexander Valley Bridge. Address County Clk., Santa Rosa.

**Calif., San Bernardino**—San Bernardino County receiving bids Sept. 25 for 108-ft. steel bridge over San Timotee Creek. L. R. Patty, San Bernardino, County Clk.

**Calif., Springville**—Tulare County soon receives bids for bridge at Springville, about $6,400. Address County Clk., Visalia.

**Ont., Middleton**—City making plans for bridge at Watson's Mills. D. W. White, Courtland, Clk. Aug. 31.

### Bids In and Contracts Awarded

**Conn., Windsor**—City let contract superstructure new bridge over Farmington River to BERLIN CONSTRUCTION CO., Berlin.

**N. Y., New Hartford**—City let contract rein.-con. bridge to W. E. COGLEY, 11½ Waverly Pl., Utica, $4,372. Noted Aug. 31.

**N. J., Cape May**—Cape May County let contract bridge over Richardson Channel to BRIDGETON CONSTRUCTION CO., Bridgeton, $15,000.

**Penn., Coatesville**—Philadelphia & Reading Ry. let contract rein.-con. bridge to BENNETT & RANDALL, Lancaster.

**Penn., Edri**—Pennsylvania R.R. let contract bridge over Robinson Run to G. C. OVERDORFF, Blairsville, $14,000.

**Penn., Franklin**—County rejected bids for rein.-con. bridge over Scrubgrass Creek.

**Penn., Hopewell**—Philadelphia & Reading Ry. let contract bridge on New York Div. west of Hopewell to PHOENIX BRIDGE CO., 410 Walnut St., Philadelphia.

**Penn., Norristown**—Montgomery County let contract repairing bridge over Schuylkill River to BRANN & STEWART, Commercial Trust Bldg., Philadelphia, about $26,000. Noted Aug. 10.

**W. Va., Middlebourne**—(Official)—County Court let contract bridges to PIPES & WATSON, Middlebourne, $5,098. Noted Aug. 24.

**S. C., Gaffney**—Cherokee County let contracts 5 bridges to SOUTHERN BRIDGE CO., Birmingham, Ala., 3 bridges to CONVERSE BRIDGE AND STEEL CO., Chattanooga. About $65,000.

**Fla., Everglades**—Broward County, Ft. Lauderdale, let contract bridge over canal to CHAMPION BRIDGE CO., Wilmington, Ohio, $12,000.

**Ala., Eufaula**—Barbour County, Clayton, let contract bridge to SCRUGGS CONSTRUCTION CO. Birmingham, $8,900. Noted Aug. 10.

**Tenn., Trenton**—Gibson County Comrs. let contract 9 bridges to VIRGINIA BRIDGE AND IRON CO., Roanoke, Va. About $17,500.

**Ohio, Cincinnati**—Hamilton County let contract repairing 5 bridges to GRADISON CONSTRUCTION CO., $4,375.

**Ohio, Lancaster**—Fairfield County rejected bids for bridge over Rush Creek connecting Fairfield and Perry Counties.

**Ind., Decatur**—(Official)—Adams County let contract Jack Bridge, Monroe Township, to BURK CONSTRUCTION CO., New Castle, $6,700. Noted Aug. 24.

**Mich., Benton Harbor**—City let contract repairing Edwards Ave. Viaduct to ILLINOIS BRIDGE CO., $13,270. Noted June 1.

**Mich., Birmingham**—City let contract 5 ornamental bridges on Quarton Lake Estates to J. E. ROTH, Detroit, $7,500.

**Wis., Washburn**—City let contract culverts to E. OLSON, Port Wing, about $7,190.

**Iowa, Denison**—Crawford County let contracts bridges to E. McNEAL, Beloit, $11,712; H. GRILL, Denison, $29,736, and MANNING CEMENT CO., Manning, $5,822.

**Iowa, Webster City**—County let contract 4 bridges and culverts to MORRISON CONSTRUCTION CO., Des Moines, $7,804.

**Minn., Sartell**—Stearns County, St. Cloud, let contract bridge over Sauk River to PLYMOUTH CONSTRUCTION AND REPAIRING CO, Minneapolis, $10,000.

**S. D., Salem**—(Official)—McCook County let contract 5 concrete bridges to W. A. BARNHART CONSTRUCTION CO., Salem. About $4,543. Noted Aug. 24.

**Okla., Nowata**—Nowata County let contract bridges and culverts on Nowata State Highway to CANTON BRIDGE CO., Canton, Ill. Noted Aug. 2.

**Okla., Sulphur**—Murray County let contract suspension bridge to ILLINOIS BRIDGE CO.

**Ariz., Ray**—Pinal County let contract steel bridge over Mineral Creek to TOPEKA BRIDGE AND IRON CO., Topeka, Kan., $11,995. Noted Aug. 3.

**Wash., Colfax**—City let contract bridge over Paradise Creek to H. C. MALOTT, Seattle, $5,862.

**Calif., Chico**—City let contract bridge over Little Chico Creek to T. H. POLK, $4,243.

**Calif., Quincy**—(Official)—Plumas County rejected bids for 2 rein.-con. bridges. Noted Aug. 24.

**Calif., San Bernardino**—(Official)—Board supervs. let contract 2 steel truss highway bridges across Santa Ana River to MERCEREAN BRIDGE AND CONSTRUCTION CO., Los Angeles, $20,000. Noted Aug. 10.

**Calif., San Diego**—H. G. Fenton, Owl Drug Co. Bldg., at $8,575, low bidder bridge over Otay River on National Ave.

**Ont., Grey**—Grey County let contract bridge to WILLIAM CLARK, 3d Ave., W., Owen Sound.

## WATER-WORKS

### Proposed Work

**Maine, Waterville**—Kennebec Water Dist. receiving bids Sept. 16 for reservoir in Waterville and Fairfield. Metcalf & Eddy, 14 Beacon St., Boston, Engr.

**N. Y., Lockport**—Water Bd. directed to replace 4-in. pipe in Prospect St. with 6-in. pipe to connect with Park Ave. main. F. S. White, Supt.

**N. Y., Newburgh**—City plans reservoir at Washington Lake.

**N. J., Hamburg**—(Official)—City plans water system and electric-light plant. About $60,000. J. B. Rider, 29 Broadway, New York, Consult. Engr.

**N. J., Pompton Lakes**—(Official)—Borough plans to improve and enlarge water system and electric-light plant. J. B. Rider, 29 Broadway, New York, Consult. Engr. J. O. Wells, Chn. Com.

**Penn., Allentown**—City passed ordinance for 8-in. water mains in portion East Court St. William H. Reichard, Supt.

**Penn., Galeton**—Borough Comrs. making plans for water system.

**Penn., Philadelphia**—City plans new water system, about $5,000,000. A. J. Fuller, Gen. Mgr.

**Penn., Phillipsburg**—Citizens Water Co. plans storage reservoir, about $40,000.

**Penn., Thornburg**—Council passed ordinance authorizing South Pittsburgh Water Co. to install water mains in Thornburg.

**Penn., Waynesboro**—Waynesboro Water Co. plans reservoir and pipe line. J. P. Funk, 6 North Church St., Supt. M. Knowles, Oliver Bldg., Pittsburgh, Engr.

**Md., Brunswick**—City voted $75,000 waterworks bonds. Bird & Whitman, 1320 Munsey Bldg., Baltimore, Engr. Noted Apr. 2.

**N. C., North Wilkesboro**—City plans $25,000 bond issue for water system. A. E. Spainhower, Mayor. Noted May 11.

**S. C., Chester**—City plans to extend Pinckney St. water main. J. Hamilton, City Engr.

**S. C., Columbia**—City receiving bids Sept. 19 for about 6 mi. c.-i. water pipe. T. K. Legare, City Engr. Noted Jan. 13.

**Ga., Cave Springs**—See item under "Sewers."

**Ga., Dublin**—City receiving bids Oct. 4 for $30,000 filter plant bonds. J. A. Kelley, Chn. Water and Light Comn. Noted Aug. 3.

**Ga., Manchester**—City election Sept. 18 to vote on $36,000 water-works bonds. W. M. Moore, Mayor. Noted July 13.

**Fla., Havana**—Bd. Pub. Wks. receiving bids Oct. 23 for water system and electric-light plant. Noted May 25.

**Fla., Jacksonville**—(Official)—City receiving bids Oct. 4 for horizontal cross-compound crank and flywheel pumping engine at water-works pumping station. W. M. Bostwick, Jr., Ch. Bd. Bond Trustees. (See adv.)

**Fla., Miami**—See item under "Light, Heat and Power."

**Tenn., Knoxville**—City election to vote on $225,000 water bonds postponed from Sept. 30 to Oct. 24. J. G. Crumbliss, Comr. Noted Aug. 17.

**Ohio, Bellefontaine**—City plans to install additional pump, about $15,000.

**Ohio, Cleveland**—City receiving bids Sept. 20 for water mains in Ardoon, Gomers, Kemper, Hadden, North and South Moreland, Shaker and East 132d St. Robert Hoffman, City Engr.

**Ohio, Cleveland Heights**—(Warrensville post office)—Village receiving bids Oct. 16 for water mains, sewers and paving on Lancashire Rd. and sewers in Cedar Rd. F. A. Pease Engineering Co., 806 Marshall Bldg., Cleveland, Engr.

**Ohio, Cygnet**—(Official)—City plans to vote in November on bonds for water system.

**Ohio, East Palestine**—City plans to spend about $15,000 for improving water system. W. H. Van Fossen, Supt.

**Ohio, Lorain**—City plans to rebuild filter plant, about $75,000. A. J. Horn, Dir. Pub. Ser. C. M. Osborne, City Engr.

**Ohio, Newburg Heights**—(Cleveland post office)—See item under "Sewers."

**Ohio, Shaker Heights**—(Cleveland post office)—Village receiving bids Sept. 19 for 6-in. water main and storm and sanitary sewer in portion South Park Blvd., also paving, curbing and sidewalks. C. A. Palmer, First National Bank Bldg., Cleveland, Clk. B. W. Willard, 627 Engineers Bldg., Cleveland, Engr.

Water-Works (Continued)

**Ind., East Chicago**—East Chicago and Indiana Harbor Water Co. making plans for filter plant, about $80,000. E. Jenkins, 4735 Olcott Ave., Chicago, Ill., Supt. Alvord & Burdick, 8 South Dearborn St., Chicago, Ill., Engr.

**Ind., Middlebury**—City plans water system.

**Ind., Richmond**—(Official)—Wayne County rejected only bid received for water system. New bids. L. S. Bowman, Richmond, Audr. Noted Aug. 31.

**Mich., Alma**—City voted $100,000 bonds for extending water and sewer systems, also pumping station. P. E. Gallagher, City Clk.

**Mich., Constantine**—City election soon to vote on $11,000 water-works bonds. A. E. Tracy, City Clk. Noted June 15.

**Mich., Flint**—City making plans for filter plant, about $272,000. F. N. Baldwin, City Supt. Pittsburgh Filter Manufacturing Co., Pittsburgh, Penn., Engr. Noted Aug. 24.

**Mich., Wyandotte**—E. D. Rich, State Sanitary Engr., recommended that city employ engineer to prepare preliminary plans and submit estimate of cost of filter plant.

**Ill., Belleville**—Bd. Local Impvts. plans new settling tank, about $20,000. W. C. Wolf, City Engr.

**Ill., Moline**—City plans 12-in. water main in Bausch's Addition. L. O. Jahns, Comr.

**Ill., Oglesby**—City plans to extend water system, about $25,000. J. Corgiat, Clk.

**Ill., Rock Island**—City plans water mains in 9th, 11th, 12th and 14th St., about $12,000. R. W. Sharp, Supt.

**Ill., Staunton**—Citizens voted $15,000 water-works bonds. C. Schneers, Supt.

**Ill., West Point**—(Official)—City does not plan to vote on $15,000 water bonds as noted in Aug. 31 issue.

**Wis., Marshfield**—City rejected bids for 7,000-ft. 6-in. c.-i. water mains. New bids in spring. J. Seubert, City Clk.

**Wis., Wauwatosa**—City received no bids for water main in 7th Ave. A. W. Brigham, City Clk.

**Minn., Rochester**—City plans to improve water system, about $35,000. C. L. Pillsbury Co., Minneapolis, Engr.

**Minn., West St. Paul**—(St. Paul post office)—City voted $40,000 water-works bonds. J. F. Druar, Consult. Engr. Noted Aug. 24.

**Kan., Augusta**—City plans election to vote on $10,000 water-works bonds. W. B. Jones, Supt.

**Kan., Caney**—City making plans for improving water system. Black & Veatch, 507 Interstate Bldg., Kansas City, Mo., Engr.

**Kan., Ellis**—City soon lets contract for improving water system, about $16,000. R. C. Gall, Supt. Black & Veatch, Kansas City, Mo., Engr. Noted Aug. 24.

**Kan., Galena**—City making plans for filter plant, about $50,000. Burns & McDonnell, 400 Interstate Bldg., Kansas City, Mo., Engr. Noted Aug. 10.

**Kan., Larned**—City receiving bids Sept. 18 for improving water system. L. D. Burgess, City Clk.

**Kan., Powhattan**—City election soon to vote on proposition to install water system.

**Kan., Robinson**—City election soon to vote on bonds for water system. Noted Sept. 7.

**Neb., Hopkins**—Citizens defeated water-works bonds.

**N. D., Fargo**—(Official)—City receiving bids Oct. 4 for mechanical smokers or smoke eliminating and fuel saving devices in boiler furnaces of water-works pumping station. A. R. Watkins, City Audr. (See adv.)

**Mo., Galena**—City soon lets contract for filter plant.

**Mo., Trenton**—(Official)—City voted $30,000 filter bonds. J. B. Haney, Supt. Noted Aug. 24.

**Tex., Edinburg**—Council appointed E. M. Card, Engr., Edinburg, to make plans for purification plant.

**Tex., Garland**—City retained M. Griffin, O'Neil & Son, Dallas, to make investigations and submit estimate of cost of water and sewer systems. G. W. Crossman, Mayor.

**Tex., Sunset Heights**—(Dallas post office)—City plans new standpipe and 8-in. water main from present standpipe to new reservoir, about $7,500.

**Tex., Temple**—City soon lets contract for reservoir, about $17,500. D. M. Seybold, Supt. Noted Sept. 7.

**Okla., Alpine**—City plans election to vote on bonds for water system.

**Okla., Hollister**—City plans voting on water bonds.

**Okla., Marlow**—City plans to improve water system. L. A. Ponchett, Supt.

**Okla., Redrock**—City plans water system.

**Okla., Wewoka**—City to vote on $30,000 bonds for improving water system.

**Colo., Colorado Springs**—Brookside Water Co. plans improvements. B. B. Reynolds, Supt.

**Ore., Astoria**—Astoria Water Comn. approved plans for new main in east end of city, about $40,000.

**Ore., Myrtle Creek**—See item under "Light, Heat and Power."

**Calif., Coalinga**—City plans new water system. R. L. Peeler, Mgr.

**Calif., Pasadena**—City Comn. authorized 4-in. c.-i. water main along Del Monte St. J. E. Carpenter, Supt.

**Calif., Pasadena**—City plans 1 mi. of 8- and 10-in. c.-i. main in Glenarm St. S. Morris, Ch. Engr. Water Dept.

**Calif., Pomona**—Clarem nt Co-operative Water Co. plans reservoir on Mountain Ave. G. A. Lathrop, Supt.

**Alaska**—Council plans high pressure reservoir for Hill section, about $9,000.

**Ont., Richmond Hill**—City making plans for water tower, pumps, filter and storage basin and 1 mi. pipe line, about $35,000. J. Loudon & Hertzberg, Toronto, Engr.

**Ont., Stratford**—City plans water mains in Church and Market St. R. R. Lang, Clk.

**Ont, Thorold**—Town Council plans new pump and motor at water-works, about $1,500. D. J. C. Minro, Clk.

**Man., Winnipeg**—City making plans for water mains in Telfer Ave.

### Bids In and Contracts Awarded

**Mass., Danvers**—City to spend about $350,000 for improving water system. Contract for reservoir let to A. G. TOMASELLO, 69 Gibson St., Dorchester, pipe to be laid by day labor. P. J. Kelley, Salem, Dir. Pub. Wks.

**Mass., New Bedford**—City let contract superstructure and appurtenances of pumping station to B. WATKINS, 520 Acushnet Ave., $6,412. Noted Aug. 31.

**N. Y., Cobleskill**—City let contract extending water main Grand St. to GRIFFEN & GRIFFEN, Cobleskill, $4,300. Noted Apr. 6.

**N. Y., New York**—(Official)—C. Meads & Co., 38 Park Row, at $46,140, low bidder for controlling mechanisms for riser valves in shafts of city tunnel of Catskill Acqueduct, Contract No. 174. Noted Aug. 10.

**N. Y., New York**—(Brooklyn)—(Official)—L. D. Gregory, 212 West 138th St., Manhattan, at $4,565, low bidder water mains and appurtenances in Crown, Kinsdale, Sackman, Winthrop, 63rd, 81st, 82nd, 85th and 88th St. and Nostrand and 3rd Ave.

**Ohio, Coshocton**—City let contract improving water system to PITT CONSTRUCTION CO., $27,437. Noted Sept. 7.

**Ohio, Upper Sandusky**—(Official)—Upper Sandusky Water Works Co. let contract filter plant to PITTSBURGH FILTER MANUFACTURING CO. Noted Aug. 24.

**Ind., Laporte**—City let contract water-softening plant and reservoir to LARSON-DANIELSON CONSTRUCTION CO., Laporte, about $25,000. J. F. M. Hardin, Supt.

**Mich., Grand Haven**—City let contract 2,000,000-gal. electrically driven centrifugal pump to EPSING-CARPENTER CO., Pittsburgh.

**Ill., Glasford**—City let contract water-works to MONIE-DUNBAR CO., Chemical Bldg., St. Louis, $20,000. Noted Aug. 10.

**Ill., Utica**—City let contract reservoir to J. O. HYATT, Utica. Noted Aug. 31.

**Wis., Elkhorn**—Elkhorn Light and Water Comn. let contract water mains to MAGILL BROS.

**Iowa, Jewell**—City let contract extending water-works to R. L. COX, Webster City, $5,644. Noted Aug. 17.

**Iowa, Washington**—City let contract reservoir to J. H. SELDEN, Muscatine, $18,990. Noted Aug. 31.

**Neb., Wayne**—City let contract extending water system to ALAMO ENGINE AND SUPPLY CO., Omaha, $9,632. Noted Aug. 24.

**Mont., Sheridan**—City let contract water system to H. S. GOULD, Twin Bridges, $28,857. Noted Aug. 31.

**Tex., Kennedy**—(Official)—City let contract for engine, etc., in connection with water system to LUMMIS COTTON GIN SALES CO., Dallas, and not Lemin Co. and Sales Co. as stated in issue of Aug. 31.

## SEWERS

### Proposed Work

**Mass., Lynn**—City making plans for sewer system and disposal plant. About $80,000. W. L. Vennard, City Engr. Noted Mar. 9.

**R. I., Providence**—City receiving bids Sept. 18 for sewers.

**Conn., Stamford**—City soon receives bids for storm water drain system in Dyke Sect,. about $15,000. P. Nash, City Engr.

**N. Y., New York**—(Official)—(Manhattan)—Marcus M. Marks, Borough Pres., Municipal Bldg., receiving bids Sept. 26 for tunnel relief sewer in 46th St. from Hudson River to 7th Ave.

**N. Y., New York**—(Queens)—Bd. Estimate authorized construction of Corona Sewer. About $183,000.

**N. Y., Rochester**—Council plans storm-water sewers on Clifford and Martinot Ave. About $27,000. F. T. Elwood, City Engr.

**N. Y., Utica**—City making plans for about 1 mi. 12- to 20-in. vitrified sanitary sewer with manholes in Wheeler Ave. and other streets. J. Kemper, City Engr.

**N. J., New Brunswick**—City plans storm-water sewers in Commercial Ave., not New Brunswick, N. Y., as stated in our Sept. 7 issue.

**N. J., Pitman**—Borough Council receiving bids Sept. 18 for sewer system and disposal works. J. E. Peterson, Borough Clk. Remington & Vosburg, Camden, Engr. Noted Aug. 10.

**N. J., Rahway**—City plans sewers in West Hazelwood and Maple Ave. F. Marsh, City Engr.

**Penn., Allentown**—City plans sewage-disposal plant. About $50,000.

**Penn., Dunbar**—City voted bonds for sewer system.

**Penn., McKeesport**—City making plans for storm and sanitary sewers in 9th and 11th Wards and Hartman St., about $40,000 and $12,000 respectively. M. Smith, People's Bank Bldg., Engr.

**Penn., Philadelphia**—Dept. Pub. Wks. received bids for intercepting sewer along Frankford Creek from Ryan & Reilly Co., 1429 South Penn Sq., $26,600; E. Pascuzzi, Lincoln Bldg., $27,900; R. Lombardi, Lincoln Bldg., $32,000.

**Penn., Warren**—City made plans for trunk-line sanitary sewer and disposal plant. Alson Rogers, Borough Engr.

**Va., Roanoke**—City receiving bids Sept. 21 for sewers in Rorer Ave. G. H. Tucker, City Clk. F. L. Gibboney, City Engr.

**W. Va., Wellsburg**—City voted $85,000 bonds for sewers.

**S. C., Beaufort**—City voted $100,000 bonds for sewer and water systems.

**S. C., Greenville**—City votes Sept. 26 on $25,000 bonds for sewers.

**Ga., Cave Springs**—City voted $20,000 bonds for sewer system and water-works. Noted Aug. 10.

**Ga., Dalton**—City plans to extend sewer system. W. N. Carroll, City Clk.

**Ga., Manchester**—City election Sept. 18 to vote on $9,000 sewer bonds. W. M. Moore, Mayor. Noted July 13.

**Fla., Arcadia**—City voted $21,000 bonds to extend sewer system. Cravens & Kimmel, Parker Bldg., Arcadia, Engr.

**Fla., Daytona**—See item under "Streets and Roads."

**Miss., Crystal Springs**—City soon votes on bonds for sanitary sewer system. X. A. Kramer, Magnolis, Consult. Engr.

**Ohio, Canton**—City plans sewers in Dartmouth Ave., 10th and 11th St. C. A. Stolberg, Mayor.

**Ohio, Kent**—City sold $60,000 bonds for sanitary sewers. F. Bechtle, City Clk. Noted Aug. 17.

**Ohio, Lorain**—City receiving bids about Oct. 1 for sanitary sewers in Waverly Pl., Oberlin Ave. and West 22d St. A. J. Horn, Dir. Pub. Ser. C. M. Osborne, City Engr. Noted Sept. 7.

**Ohio, Marion**—City plans sewers in Spencer St.

**Ohio, Marion**—City plans storm and sanitary sewers in Mound St. A. J. Sautter, Mayor.

**Ohio, Newburg Heights**—(Cleveland post office)—Town receiving bids Sept. 26 for purchase of $29,853 bonds for sewers and water mains in East 49th and East 42d St. J. A. Fitzgerald, Clk.

**Ohio, Shaker Heights**—(Cleveland post office)—City receiving bids Sept. 19 for storm and sanitary sewers. C. L. Palmer, First National Bank Bldg., Cleveland, Clk. Noted July 27.

**Ohio, Springfield**—City plans sanitary sewer in Sycamore St. M. J. Bahen, City Engr.

**Mich., Alma**—See item under "Water-Works."

**Ill., Forrest**—City plans sewers. About $5,646. A. F. Maltby, Chicago, Consult. Engr.

**Ill., Kankakee**—Bradley & Kankakee Sanitary Dist. making plans for sanitary and storm water sewer, about $175,000, in Kankakee and Bradley. D. R. Gregg, City Hall, Engr.

**Ill., Niles Center**—(Official)—City receiving bids Sept. 19 for storm and sanitary sewers. About $55,000. H. L. Emerson, Chamber of Commerce Bldg., City Engr. Noted Aug. 31.

**Ill., Oak Park**—City receiving bids about Sept. 25 for 3 mi. 9- to 20-in. vitrified tile sewers in northwest section. W. F. Sargent, City Engr.

**Ill., Oak Park**—City making plans for pipe sewer portion Austin Blvd. W. F. Sargent, City Engr.

**Wis., Reedsburg**—City plans sewer system in Central Sewer Dist. W. Dierken, City Clk.

**Iowa, Griswold**—City receiving bids Sept. 21 for sewers. C. E. Woodward, City Clk. J. H. Mayne, Council Bluffs, Engr.

**Minn., Dawson**—City plans election to vote on $25,000 sewer bonds.

**Minn., Minneapolis**—City plans sewer system in West Harriet Dist. About $100,000. F. W. Cappelin, City Engr.

**Minn., St. Paul**—City plans St. Anthony Hill sewer system. About $797,057. O. Claussen, City Engr.

**Minn., Wadena**—City sold $30,000 bonds for sewer improvements.

**Minn., Windom**—City votes Sept. 25 on $15,000 bonds for storm sewers.

Sewers (Continued)

**Kan., Garden City**—(Official)—City receiving bids Sept. 28 for sanitary sewer system. About $42,800. J. F. Crocker, City Clk. Noted Aug. 10.

**N. D., Fargo**—City plans improving sewers. About $300,000. F. L. Anders, City Engr.

**Mo., Albany**—City making plans for sewers, about $25,000. E. T. Archer & Co., 512-14 New England Bldg., Kansas City, Engr.

**Mo., Hamilton**—City soon votes on $30,000 bonds for sewer system. E. T. Archer & Co., 512-14 New England Bldg., Kansas City, Mo., Arch. Noted July 20.

**Tex., Austin**—City plans to spend $16,755 for sewer extensions. M. C. Welborn, City Engr.

**Tex., Celina**—City plans to improve sewage-disposal plant. W. E. Seitz, Mayor.

**Tex., Gainesville**—City making plans for sewage-treatment plant. N. Werenskiold, Dallas, Engr. Noted May 18.

**Tex., Garland**—See item under "Water-Works."

**Tex., Jacksonville**—City plans sewage plant.

**Tex., Memphis**—City making plans for addition to sewage-disposal plant. H. E. Elrod, Dallas, Engr.

**Tex., Wharton**—City retained J. A. Morris, Wharton, to make plans for sewage-treatment plant. Noted May 11.

**Okla., Kusa**—City plans election to vote on sewer bonds.

**Okla., Norman**—City voted $7,000 sewer bonds. M. Wise, City Clk. Noted Aug. 31.

**Idaho, Nezperce**—City plans sewer system.

**Ariz., Clifton**—City plans sewer system. A. J. Kerr, City Engr.

**Ariz., Globe**—City making plans for sewer system, about $240,000.

**Wash., North Yakima**—City votes in November on $290,000 bonds for sewers. N. R. Gilman, Engr.

**Calif., Los Angeles**—(Official)—City receiving bids about Oct. 15 for sewers in Florence Ave. About $100,000. H. Hamlin, City Engr. Noted Aug. 24.

**Calif., Los Angeles**—City votes in January on $1,500,000 bonds for West Jefferson St. storm drain, and $750,000 for Sacatella Dist. storm drain. Homer Hamlin, City Engr. Noted Feb. 24.

**Calif., Seal Beach**—City making plans for sewage system. Ilmstead & Gillelen, 1011 Hollingsworth Bldg., Los Angeles, Engr.

**Que., St. Lambert**—City soon receives bids for trunk sewers in St. James St., about $17,000. H. A. Gibeau, Engr.

**Ont., Aurora**—Council retained James, Loudon & Hertberg, Ltd., 1005 Excelsior Life Bldg., Toronto, to make plans for sewer system and purification works.

**Ont., North Bay**—City plans sewer in Ferguson St. H. J. McAuslan, Engr.

**Ont., Ottawa**—Council plans sewer in Booth St., about $5,700. A. F. Macallum, Comr. Wks.

**Ont., Peterboro**—City plans sewage disposal plant on McKellar St. R. H. Parsons, City Engr.

**Ont., St. Marys**—Council plans sewage system, about $15,000. T. M. Clark, Clk.

### Bids In and Contracts Awarded

**Conn., Bridgeport**—(Official)—City let contract sewers in Railroad and Bostwick Ave. to T. J. PARDY CONSTRUCTION CO., 15 Fairfield Ave., Bridgeport, $223,088. Noted Aug. 24.

**Conn., Wallingford**—City let contract sewer in Prince St. to E. F. KAVANAUGH, Wallingford.

**Conn., West Haven**—City let contract sewers in Ward Pl. and Marion St. to PALMER & LYNCH.

**N. Y., Fulton**—F. Massaro, Fulton, $30,349, submitted lowest bid for storm water sewer. G. C Hill, City Engr. Noted Aug. 10.

**N. Y., New York**—(Manhattan)—(Official)—M. M. Marks, Borough Pres., received low bids for improving sewer at Dyckman St. and Hudson River, including building of submerged outlet and screening chamber complete from Harby, Abrons & Mellus, 30 E. 42d St., Manhattan, about $77,000; Joseph Kelly, about $100,200; Thomas Dwyer, $106,750. Noted Sept. 7.

**N. Y., Oleans**—City let contract outlet sewer in West State St. to FURE & FOTE, Olean. About $12,000. Noted Sept. 7.

**S. C., Greenville**—City let contract 15,000 ft. sanitary sewer to SLATTERY & HENRY, Greenville, sewage-disposal plant to SANITARY ENGINEERING CO., Charlotte, N. C.

**Fla., Pensacola**—City let contract sewer to C. A. BORN, Pensacola.

**Ind., Centerville**—City let contract trunk, sanitary and storm sewer in National Rd. to J. DUKE, Richmond, $4,441. Noted Aug. 31.

**Ind., Newpoint**—City let contract storm sewer to M. HUBER.

**Ill., Lincoln**—City let contract sewer in North McLean St. to RHOADES & WARFIELD. Noted Apr. 20.

**Ill., Winnetka**—C. T. Bartlett & Co., Evanston, $60,533 lowest bidder for Cherry St. storm water sewer system.

**Wis., Manitowoc**—City rejected bids for storm sewers in Huron St. Work to be done by day labor. L. K. Pitz, City Engr. Noted Aug. 24.

**Iowa, Decorah**—(Official)—City let contract sewers in various streets to MOORE SIEG CONSTRUCTION CO., Waterloo, $4,380. Noted Aug. 31.

**Iowa, Hampton**—City let contract sewage-disposal plant to W. G. FRASER, St. Paul, $23,900.

**Minn., Madison**—(Official)—City let contract storm and sanitary sewers and treatment plant to TANNER BROS., Detroit Bldg., St. Paul, $51,900. Noted Aug. 17.

**Neb., Pender**—City let contract sewers and drainage system to P. N. KRUSE, Spencer, $20,500. Noted May 25.

**Tex., Houston**—City let contract sewer in Montrose Blvd. to HOUSTON CONSTRUCTION CO., Houston, $9,496.

**Tex., Wills Point**—City let contract sewer system and disposal plant to DALTON & CAMPBELL, Dallas, $18,000. Noted Mar. 9.

**Ore., Hubbard**—City let contract sewer system to A. J. WELTON, Northwestern Bank Bldg., $4,655. Noted July 20.

**Calif., Berkeley**—City let contract sewer on Hopkins St. to CHAMBERS & HEAFEY, Bacon Bldg., Oakland.

**Ont., Brampton**—Council let contract sewers to J. H. McKNIGHT CONSTRUCTION CO., LTD., Toronto. About $11,000.

**Ont., Burlington**—City let contracts sewer system and disposal plant to DOMINION SEWER PIPE CO., Hamilton, and TORONTO SEWER PIPE CO., for pipe; CANADIAN ENGINEERING CO., Hamilton, pump house and disposal plant; McLEAN & JOHNSON BROS., laying pipe.

**Ont., Hamilton**—City let contract sewer in Mountwood Ave. to E. R. GRAY and to J. J. ARMSTRONG & SONS for sewer in Gore St.

**Ont., North Bay**—Council let contract sewers to S. VERALDI, $7,133.

**Ont., Welland**—City Council let contract sewers to SOMERVILLE & DILWORTH, Welland. Noted May 18.

## GARBAGE

### Proposed Work

**N. J., East Orange**—City Council plans garbage incinerator plant. W. D. Willigerod, City Engr.

**N. J., Newark**—Federation of Local Impvt. Assoc. plans garbage disposal plant. M. R. Sherrard, City Engr.

**Ohio, Cleveland**—City votes in April on $750,000 bonds for improving garbage collection system. R. Hoffman, City Engr.

**Ohio, Hamilton**—City will issue $25,000 bonds for enlarging garbage disposal plant. Frank E. Weaver, City Engr.

### Bids In and Contracts Awarded

**Ohio, Dayton**—City let contract concrete work at garbage disposal plant to W. GABLER, about $720. Noted Sept. 7.

**Tex., Corsicana**—City let contract garbage destructor plant to SUPERIOR FURNACE CONSTRUCTION CO. G. A. Duren, City Engr.

## STREETS AND ROADS

### Proposed Work

**Maine, Augusta**—State Highway Comn. plans highway between New Brunswick and Lewiston.

**N. H., Lyme Center**—Town plans road improvements.

**Mass., Worcester**—City plans to widen Chandler St., about $250,000. F. A. McClure, City Engr.

**R. I., Pawtucket**—City plans to pave Lowell St., about $8,000. J. A. Carpenter, City Engr.

**Conn., Meriden**—(Official)—Board Pub. Wks. receiving bids Sept. 19 for paving Veteran St., rein.-con. (See adv.)

**N. Y., Canandaigua**—Ontario County petitioned to improve 8½ mi. road in Gorham and Seneca. Address County Clk., Canandaigua.

**N. Y., New York**—(Official)—(Brooklyn)—L. H. Pounds, Borough Pres., Borough Hall, receiving bids Sept. 21 for paving portion Smith and 88th St.

**N. Y., New York**—(Official)—(Richmond)—C. D. Van Name, Borough Pres., Borough Hall, St. George, receiving bids Sept. 20 for repaving portion Westervelt Ave.

**N. Y., New York**—(Official)—(Richmond)—C. D. Van Name, Borough Pres., Borough Hall, St. George, receiving bids Sept. 21 for repaving portion Willow Brook and Port Richmond Rd.

**N. Y., New York**—(Official)—(Richmond)—C. D. Van Name, Borough Pres., Borough Hall, St. George, receiving bids Sept. 22 for repaving portion Orient Ave., Louis and Prospect St.

**N. Y., Rochester**—City plans to pave Pardee St., brick. F. T. Elwod, City Engr.

**N. J., Belleville**—Board Comrs. plan to extend Van Houten Pl. F. T. Shephard, City Engr.

**N. J., Belmar**—(Official)—Council receiving bids Sept. 26 for improving portion F St., concrete, about 15,150 sq.yd. C. O. Hudnut, Borough Clk. C. Potts, 30 Church St., New York, Engr. (See adv.)

**N. J., Chatham**—Borough Council passed ordinance to curb and gutter portion North Hillside Ave.

**N. J., Florence**—Town plans to improve sidewalks, about $50,000.

**N. J., Newark**—City plans to pave Porter and Stengel Ave., bitulithic. M. R. Sherrard, City Engr.

**N. J., Passaic**—City soon receives bids for paving portion Bergen St. C. R. Wise, City Engr.

**N. J., Ridgewood**—Bd. Comrs. receiving bids Sept. 19 for macadamizing portion Lenox Ave., also curbs, gutters and concrete sidewalks on Clermont Rd.

**N. J., South Amboy**—Bd. Freeholders, Middlesex County, New Brunswick, soon lets contract for paving Washington Ave. and Main St., asphalt or warrenite.

**N. J., Summit**—Council plans to improve Summit Ave., amiesite. R. C. Wheeler, City Engr.

**N. J., West New York**—City plans to repave Bergenline Ave. O. L. Aufder Heide, Mayor.

**Penn., Connellsville**—Council authorized purchase of 500,000 paving blocks to pave Arch and 9th St. C. F. Hirst, City Engr.

**Penn., Ligonier**—City making plans paving portion Main St. brick, about $11,000. W. G. Muse, Court House, Greensburg, Engr.

**Penn., Natrona**—City election, Dec. 1, to vote on $30,000 bonds for paving in Harrison Township. C. E. Braun, Clk. Bd. Trustees. C. E. Miller, Jenkins Arcade, Pittsburgh, Engr.

**Penn., Newton**—Council plans to pave Liberty and Sterling St. and Chancellor and Lincoln Ave., asphalt. J. Pugh, Chn. St. Com.

**Penn., Pittsburgh**—Allegheny County receiving bids Sept. 21 for improving Banksville Rd., Sect. "O." J. P. Moore, Pittsburgh, County Contr.

**Penn., Pittsburgh**—Pennsylvania Lines West of Pittsburgh plan boulevard from Osborne through Sewickley, Edgeworth, Shields and Leetsdale, about 5 mi. T. Rodd, Pittsburgh, Ch. Engr.

**Penn., Spring City**—City plans to spend about $20,000 for paving.

**Penn., Wilkes-Barre**—City plans to pave portions Willow, Lawrence, Oak and Meade St., asphalt. B. K. Finch, City Engr.

**Md., Baltimore**—Bd. Awards receiving bids Sept. 20 for grading and paving 25 alleys, concrete. R. M. Cooksey, City Engr.

**Md., Baltimore**—(Official)—State Rd. Comn., 601 Garrett Bldg., receiving bids Sept. 19 for section State Highway in Charles County, Contract No. Ch.-12. F. H. Zouck, Chn. (See adv.)

**Md., Baltimore**—(Official)—State Rds. Comn., 601 Garrett Bldg., receiving bids Sept. 19 for repairing bridge over Patapsco River along Reistertown Rd., Baltimore and Carroll Counties, Contract No. 0269; sections concrete shoulder along Baltimore and Washington Blvd., Baltimore and Howard Counties, Contract No. W. B. S; 1 section road between Church Creek and Taylors Island, Dorchester County, Contract D-19; repairing bridge over Conocheague River along State Highway, Washington County, Contract No. 0215-Br. F. H. Zouck, Chn. (See adv.)

**Va., Norfolk**—City plans to pave and repair Church, Queen, North and other streets, asphalt and wood block, about $21,000. W. H. Taylor, City Engr.

**Va., Richmond**—City soon receives bids for paving portion 14th St. C. E. Bolling, City Engr. Noted Aug. 3.

**Va., Roanoke**—City receiving bids Sept. 21 for paving Commerce St., macadam, grading 9th St. and macadamizing 2d St. F. L. Gibboney, City Engr.

**W. Va., Broad Oaks**—(Clarksburg post office)—Town plans election to vote on $18,000 road bonds.

**W. Va., Madison**—Boone County election Sept. 29 to vote on $450,000 road bonds. Address County Clk., Madison.

**W. Va., Romney**—Hampshire County, Capon Dist., and Hardy County, Capon Dist., voted bonds for road work. Address County Clk., Romney.

**W. Va., Summersville**—Nicholas County, Beaver Dist., defeated $250,000 road bonds. Noted Aug. 10.

**W. Va., Welch**—McDowell County receiving bids Sept. 16 for 40.8 mi. roads and bridges in Sandy River Dist. W. W. Whyte, Welch, Clk. Noted Dec. 30.

**N. C., Morganton**—Burke County election Sept. 30 to vote on bonds for road work in Lovelady Township. Address County Clk., Morganton.

**N. C., North Wilkesboro**—City plans $40,000 bond issue for paving.

**N. C., Smithfield**—Johnston County, Boon Hill Township, voted $40,000 road bonds. Address County Clk., Smithfield.

**S. C., Chester**—City plans election to vote on street paving bonds. J. Hamilton, City Engr.

**Ga., Savannah**—Chatham County to sell $100,000 road bonds Sept. 16. L. L. Hurburt, Savannah, Clk. County Court.

**Fla., Arcadia**—City voted $90,000 street-improvement bonds. Noted Apr. 20.

**Fla., Daytona**—City election Oct. 10 to vote on $160,000 street improvement and sewer bonds.

**Fla., Jacksonville**—City receiving bids Oct. 2 for 1,974 sq.yd. brick pavement and 3,849 sq.yd. concrete pavement. L. D. Smoot, Comr. Pub. Wks.

Streets and Roads (Continued)

**Fla., Macclenny**—Baker County plans election to vote on $60,000 road bonds. Address County Clk., Macclenny.

**Fla., Ormond**—City voted bonds for boulevard.

**Ala., Andalusia**—Covington County voted $100,000 road bonds. W. F. Simmons, Andalusia, Pres. Bd. Revenue.

**Ala., Double Springs**—J. S. Curtis, Judge Probate, receiving bids Sept. 23 for road work.

**Ala., Vernon**—Lamar County Highway Comrs. soon receive bids for 15 mi. highway to complete route of proposed Jackson Highway through county. Address County Clk., Vernon.

**Miss., De Kalb**—Kemper County plans to let contract for about 52 mi. road in October. Snowden & Hauser, Columbus, Engr. Noted Sept. 7.

**Miss., Gloster**—City plans election to vote on $100,000 road bonds.

**Miss., Winona**—City plans election to vote on $100,000 road bonds.

**La., Lake Charles**—City plans to pave portions South Division and Reid St., brick.

**La., Lake Charles**—E. F. Gayle, Pres. School Bd., receiving bids Sept. 28 for paving Boulevard St., gravel.

**La., Monroe**—(Official)—Quachita Parish receives bids about Oct. 1 for road and bridge work, about $415,000. J. W. Billingsley, Interstate Bldg., New Orleans, Consult. Engr. Noted Aug. 24.

**La., New Orleans**—City receiving bids Sept. 29 for paving St. Bernard Ave., South Broad, North Villere, Thalia, Julia and Poydras St., about 61,250 sq.yd., brick, concrete, asphalt, bitulithic or wood block. W. J. Hardee, City Engr.

**La., New Orleans**—City receiving bids Sept. 26 for paving portions Burgundy, Dauphin, St. Louis, Conti, Toulouse, North Peters, Blenville, Orleans and St. Peters St., asphalt, bitulithic, concrete, brick or wood block. W. J. Hardee, City Engr.

**Tenn., Brownsville**—City voted $25,000 bonds for street work. N. B. Keathley, Mayor. Noted July 6.

**Tenn., Chattanooga**—Mayor authorized to issue $4,752 bonds for repaving Dist. No. 109. R. Hooke, City Engr.

**Ky., Lexington**—Fayette County soon lets contract for road work. Address County Clk., Lexington.

**Ky., Paducah**—(Official)—Comr. Pub. Wks., City Hall, receiving bids Sept. 21 for about 27,500 sq.yd. paving, asphalt, bitulithic, brick or concrete. L. A. Washington, Comr. Pub. Wks. (See adv.)

**Ohio, Bedford**—Town receiving bids Oct. 12 for purchase of $14,000 bonds for improving Wood Row Ave. H. T. Hubbell, Clk. C. W. Courtney, 1156 Leader News Bldg., Cleveland, Engr. Noted Aug. 31.

**Ohio, Bellefontaine**—City voted $20,000 bonds for improving Stanton Ave. C. A. Inskeep, City Engr.

**Ohio, Bowling Green**—City plans to pave portion Ridge St., macadam, concrete or asphalt.

**Ohio, Canton**—City soon receives bids for paving 16 streets, about $300,000. W. E. Sarver, City Engr.

**Ohio, Cincinnati**—City plans to pave Terry St., macadam, $9,724. F. Krug, City Engr.

**Ohio, Cincinnati**—Hamilton County plans to pave North Bend Rd., concrete, about $65,000; also Springfield and Hamilton Pikes, brick. W. Boeh, Cincinnati, County Surv.

**Ohio, Cincinnati**—Hamilton County making plans for improving Hayes Ave., Green Township. Address County Clk., Cincinnati.

**Ohio, Cleveland**—City plans election in November to vote on $3,000,000 paving bonds. Robert Hoffman, City Engr. Noted Aug. 31.

**Ohio, Columbus**—Franklin County receiving bids Sept. 21 for draining and macadamizing Gerard and Indiaola Rd., Clinton Township, and Fairview Ave. Rd., Franklin Township. Address J. Scott, Columbus, County Clk.

**Ohio, Cuyahoga Falls**—Village plans sidewalks and curbing on High St. E. D. Barstow, Engr.

**Ohio, Kent**—City making plans for paving portions Park, Prospect, Columbus and Franklin Ave., asphalt or brick. E. S. Royer, Engr.

**Ohio, Maumee**—City receiving bids Sept. 18 for purchase of $45,573 street improvement bonds.

**Ohio, Niles**—Council passed ordinance to issue $4,600 paving bonds. H. W. Turner, City Engr.

**Ohio, Niles**—Council passed ordinance to improve portion Warren Ave. H. W. Turner, City Engr.

**Ohio, Norwood**—See item under "Miscellaneous."

**Ohio, Ottawa**—(Official)—Council receiving bids Sept. 26 for draining and macadamizing 2nd St., about $8,948. J. S. Cartwright, City Engr.

**Ohio, Ravenna**—City receives bids about Oct. 1 for paving portion Lake Ave. W. H. Linton, City Engr. Noted Aug. 31.

**Ohio, Shaker Heights**—(Cleveland post office)—See item under "Water Works."

**Ohio, Sebring**—Council passed ordinance to issue $13,600 street-improvement bonds.

**Ohio, Sidney**—(Official)—City plans improving streets.

**Ohio, Xenia**—City soon lets contract for paving East Main and Rogers St. and several other streets. J. P. Shumaker, City Engr. Noted Aug. 24.

**Ind., Brazil**—Council passed resolution for improving portion Kruzan St. F. Wilson, City Engr.

**Ind., Brazil**—Clay and Vigo Counties receiving bids Oct. 25 for county line stone and gravel road. W. O. Graeser, Brazil, Audr. Clay County.

**Ind., Evansville**—City plans to improve portion Pennsylvania St. D. J. Saunders, City Engr.

**Ind., Fowler**—Benton County receiving bids Oct. 2 for 2 roads in Gilboa Township. W. Makey, Fowler, Audr.

**Ind., Gary**—City receiving bids Sept. 25 for paving portion alley 1, also construction sewer in same, about $11,340. W. J. Fulton, City Engr.

**Ind., Goshen**—Elkhart County receiving bids Oct. 3 for road in Concord Township. A. R. Bemenderfer, Goshen, Audr.

**Ind., Jeffersonville**—Clark County receiving bids Oct. 2 for crushed limestone road in Jeffersonville Township. G. W. Stoner, Jeffersonville, Audr.

**Ind., Winchester**—(Official)—Council receiving bids Sept. 20 for improving first alley north of Georgia St. N. R. Chenoweth, City Clk.

**Mich., Casnovia**—Muskegon County, Casnovia Township, voted $50,000 road bonds. Address County Clk., Casnovia.

**Mich., East Lansing**—Taxpayers voted $20,000 bonds for cement pavement from Harrison to M. A. C. Ave.

**Mich., Marshall**—Citizens voted $21,800 paving bonds. Noted May 11.

**Mich., Ontonagon**—Ontonagon County election in November to vote on $195,000 road bonds. Address County Clk., Ontonagon.

**Mich., Port Huron**—City plans to pave portions 10th and Suffern St. and 10th Ave. E. Whitmore, City Engr.

**Ill., Gillespie**—Town plans to pave Main St. in business district, brick.

**Ill., Lake Forest**—Board Local Impvts. plans to pave 13,700 sq.yd. of Woodland St., concrete, about $34,157. J. Anderson, Jr., City Engr.

**Ill., Lake Forest**—Board Local Impvts. plans to resurface about 1¾ mi. Green Bay Rd. J. Anderson, Jr., Engr.

**Ill., Lawrenceville**—City plans to pave about 10 blocks, brick and concrete. R. J. Benefiel, Court House, Engr.

**Ill., Lawrenceville**—Lawrence County soon receives bids for road work in Lawrenceville Township, about $13,000. R. J. Benefiel, Lawrenceville, Supt. Highways.

**Ill., Oak Park**—City receiving bids about Oct. 1 for paving portions Fillmore, Lexington and Congress St. and Ridgeland Ave., asphaltic concrete and brick. W. F. Sargent, City Engr.

**Ill., Pekin**—City making plans for 11,290 yd. brick paving on South 2nd St. B. F. Smith, Engr.

**Ill., Peoria**—City making plans for paving Washington, Maple, North Main and Greenleaf St. and Knoxville Ave., brick and gravel. L. D. Jeffries, City Engr.

**Ill., Peoria**—City making plans for 19,525 yd. concrete pavement on portion Howett St., about $36,990. L. D. Jeffries, City Engr.

**Ill., Petersburg**—City receiving bids about Sept. 23 for paving 6 districts, brick or concrete. Goodell & Millard, 117½ Washington St., Beardstown, Engr.

**Ill., Pontiac**—City plans to pave portions Locust and Elmwood St., brick, about $23,000. J. C. Wade, City Engr.

**Ill., Springfield**—State plans to spend about $2,250,000 for road work during 1917. W. W. Marr, Springfield, Ch. Engr. State Highway Dept.

**Ill., Virginia**—City making plans for 3,306 sq.yd. brick paving, including curbing and guttering, about $9,000. Goodell & Millard, 117½ Washington St., Beardstown, Engr.

**Wis., Mellen**—City receiving bids Sept. 22 for paving Bennett St., rein.-con.

**Iowa, Grundy Center**—Board Pub. Wks. plans 40 blocks paving, about $75,000.

**Minn., Aitkin**—Aiken County received no bids for 2½ mi. paving on State Rd. No. 2.

**Minn., Minneapolis**—Council petitioned to pave Cedar Ave., West 40th and other streets. F. W. Cappelin, City Engr.

**Minn., Minneapolis**—City plans to pave Calhoun Blvd. F. W. Cappelin, City Engr.

**Minn., St. Paul**—City rejected bids for grading Madison St. New bids. Oscar Claussen, City Engr.

**Minn., St. Paul**—City plans sidewalks on portions Goodrich, Park, Hague, Ashland, Selby and Berkeley Ave. and Woodridge, Michigan, Manomin and Jessie St. Oscar Claussen, City Engr.

**Kan., Leavenworth**—City plans to curb and pave portion Columbia Ave. H. A. Perkins, City Engr.

**Kan., Wichita**—City receiving bids about Oct. 1 for asphalt paving, (2) jobs, about $12,000. B. Wells, City Engr.

**Neb., Omaha**—City plans to repave portion 1st St. J. A. Bruce, City Engr.

**Mont., Anaconda**—Council adopted resolution to improve Oak, Cherry, Ceder and Chestnut St., bitulithic, $32,000, or asphalt, $28,000. W. B. Vestal, City Engr.

**Mont., Butte**—City plans new street between Oklahoma and Ohio Ave. J. J. Armstrong, City Engr.

**Mo., Adrian**—(Official)—Bates County did not vote $6,000 road bonds as stated in issue of Aug. 24.

**Mo., Hartville**—Wright County voted $40,000 road bonds. Address County Clk., Hartville.

**Mo., Joplin**—City plans to pave North Main St and Jackard Pl., concrete. J. J. McAfee, City Engr.

**Mo., Marble Hill**—Bolinger County plans election to vote on $160,000 road bonds. Address County Clk., Marble Hill.

**Mo., Tuscumbia**—Miller County plans election to vote on $1,000,000 road bonds. Address County Clk., Tuscumbia.

**Mo., Webb City**—City plans to improve portion John St. L. E. Briggs, City Engr.

**Ark., Hope**—H. R. Carter, State Highway Engr., Little Rock, making surveys for road from Hope to Washington and from Hope to Fulton.

**Ark., Marion**—Crittendon County made plans for about 40 mi. road, about $177,000. Address County Clk., Marion.

**Ark., Newport**—Jackson County plans macadam highway from Newport to Eight Mile and from Newport to Beedville, 42 mi., about $250,000. H. R. Carter, Little Rock, State Highway Engr.

**Ark., Osceola**—Mississippi County plans 14 mi. concrete road from Blytheville to Gosnell, about $125,000. H. R. Carter, Little Rock, State Highway Engr.

**Ark., Osceola**—City soon receives bids for paving in Dist. No. 1. Pride & Farley, Osceola, Engr.

**Ark., Pocohontas**—Randolph County made plans for road from Pocahontas through Maynard to Missouri state line, about $34,000. Address County Clk., Pocohontas.

**Ark., Pulaski Heights**—(Little Rock post office)—H. F. Auten interested in project to form improvement district to pave streets, about $52,000.

**Tex., Amarillo**—Council plans to pave 50 additional blocks. M. H. Hardin, City Engr.

**Tex., El Paso**—J. Gladding, City Engr., submitted estimate of cost of paving portion Myrtle St., $91,337; Dallas St., $30,869; Chihuahua St., $8,169. G. Espy, City Engr.

**Tex., Fredericksburg**—Gillespie County plans election in November to vote on tax for road work. Address County Clk., Fredericksburg. Noted Mar. 2.

**Tex., Houston Heights**—See item under "Miscellaneous."

**Tex., Palestine**—City plans to improve public square and also plans to pave residential section, about $25,000.

**Tex., Redwater**—Property owners voted $25,000 road bonds.

**Okla., Bartlesville**—Washington County plans election to vote on road bonds. Address County Clk., Bartlesville.

**Okla., Clinton**—City plans to pave about 15 blocks in business district, about $80,000. Benham Engineering Co., Oklahoma, Engr.

**Okla., Okmulgee**—Okmulgee County plans election to vote on $1,000,000 bonds for road work. Address County Clk., Okmulgee.

**Okla., Sand Springs**—City plans to spend about $100,000 for concrete paving.

**Idaho, Challis**—Custer County election Nov. 7 to vote on $100,000 highway bonds. Address County Clk., Challis. Noted July 27.

**Ariz., Douglas**—Council plans to pave curb, gutter and build sidewalks on various streets.

**Wash., Centralia**—City Comn. plans to pave Chehalis Ave. L. M. Lee, City Clk.

**Wash., Chehalis**—Lewis County postponed election reported to be held in November to vote on $500,000 road bonds indefinitely. Address County Clk., Chehalis. Noted June 29.

**Wash., Davenport**—Council plans to spend $11,154 for paving various streets, macadam. H. L. Paige, City Clk.

**Wash., Everett**—City soon lets contract for improving Wetmore Ave., about $19,645. H. Munn, City Engr.

**Wash., Mansfield**—City soon lets contract for improving Main St. and 1st and 2nd Ave., about $10,700.

**Wash., Olympia**—State Legislature will be asked to appropriate $320,000 for completing improvement of Pacific Highway between Vancouver and Tacoma. J. Allen, Olympia, State Highway Comr.

**Wash., Seattle**—Council authorized new street extending from intersection of 5th Ave., N., and Alaho St., S., to Taylor Ave. and Prospect St., about $53,000. A. H. Dimock, City Engr.

**Wash., Seattle**—Bd. Pub. Wks. plans to grade and curb portion East 18th St., about $38,966; pave Rainier Ave., brick, about $16,180. A. H. Dimock, City Engr.

**Wash., Seattle**—Bd. Pub. Wks. approved plans for paving portion 11th Ave., N. E., wood block, about $36,000.

Streets and Roads (Continued)

**Ore., McMinnville**—City plans to pave portion D St.

**Ore., Portland**—City made plans for paving portion East 42nd St. P. H. Dater, City Engr.

**Calif., East San Pedro**—City plans macadam road between 4th St., Terminal Island, and Fisherman's Harbor, about $29,000. Address A. Jubb, East San Pedro, Harbor Engr.

**Calif., Fowler**—(Official)—City receiving bids Sept. 20 for paving 8th St., concrete and asphalt, about $15,000. C. P. Jensen, City Engr. Noted Aug. 24.

**Calif., Fresno**—Fresno County election Oct. 24 to vote on $3,600,000 road bonds. Address County Clk., Fresno.

**Calif., Hillsborough**—City receiving bids Sept. 19 for improving Barriolhet Ave. J. A. Hoey, 440 Holbrook Bldg., San Francisco, City Clk.

**Calif., Los Angeles**—Los Angeles County receiving bids Sept. 25 for improving Alameda St., Rd. Dist. No. 4. H. J. Lelande, Los Angeles, Clk.

**Calif., Santa Paula**—(Official)—City receives bids in about 90 days for paving various streets, about $80,000. E. M. Lynch, Glendale, Engr. Noted Aug. 24.

**Calif., Seal Beach**—City plans to pave all streets. S. H. Finley, City Engr.

**Calif., Tropico**—City soon lets contract for paving portion Hill St., macadam. M. R. Coleman, City Clk.

**Calif., Woodland**—Council passed ordinance to pave portions 3d and Elm St.

### Bids In and Contracts Awarded

**Mass., Boston**—(West Roxbury)—Dept. Pub. Wks. let contract paving portion Washington St. to J. DOHERTY, 133 Calumet St., Roxbury.

**Mass., Boston**—City let contract paving various streets to B. E. GRANT, 99 West Cedar St., $362,265. Noted Sept. 7.

**Mass., Boston** — (Arlington-Lexington) — State Highway Comm. received low bid section highway in Arlington and Lexington from J. A. Gaffey, Medford, $20,175.

**Mass., Boston**—(Upham Corners)—State Highway Comm. let contract section highway in Upham Corners to C. E. Horne, $17,545.

**Mass., Spencer**—City let contract macadamizing Wire Village Rd. to LANE CONSTRUCTION CO., Meriden, Conn., $7,200. Noted Mar. 30.

**Mass., Uxbridge**—State Highway Comm., Boston, received low bid section highway in Uxbridge from Luchini-Mazani Co., Milford, at $12,617.

**R. I., Tiverton**—Town let contract road work to L. H. CALLAN, Bristol, and G. E. SNELL, Tiverton.

**Conn., Hartford**—A. B. Cadwell, 45 Main St., New Britain, at $10,880, low bidder section gravel road Portland Township.

**Conn., Hartford**—State Highway Comm. let contracts road work to J. ARBORIO, 36 Ward St., New Haven, Bethany Rd., Beacon Falls Township, $8,000; F. A. WILCOX, Norwich, New London Turnpike, Montville Township, $8,319; MASCETTI & HOLLEY, 72 Main St., Torrington, Woodbury Township, $4,400.

**N. Y., Hempstead**—Comrs. Nassau County, Mineola, let contract improving portion Rockaway Rd. to STANDARD BITULITHIC CO., 50 Church St., New York, $1.80 per sq.yd.; Mill Neck Rd., E. M. UNDERHILL & SON, Glen Cove, $1.30 per sq.yd.; Union Ave., ANDREWS BROS., Mineola, $1.40 per sq.yd.

**N. Y., New York**—(Bronx)—(Official)—O. Daniels Co., Woolworth Bldg., Manhattan, low bidder completing contract executed by J. B. Malatesta Sept. 15, 1915, and assigned to Frank Palmer, Dec. 19, 1915, and declared abandoned on Aug. 21, 1916, for improving portion East 213th St., at $22,178; also same work in portion Dyre Ave., at $22,806.

**N. Y., New York**—(Bronx)—(Official)—W. F. Presley low bidder paving various streets: College Ave., $11,661; University Ave., $78,675; Southern Blvd., $16,170.

**N. Y., New York**—(Richmond)—(Official)—Contract improving portion Broadway let to UVALDE ASPHALT PAVING CO., 1 Broadway, Manhattan. Noted Aug. 31.

**N. J., Bloomfield**—City let contract improving Spring and Baldwin St to R. DORIETY, 136 Ridge St., Newark, about $16,000. Noted Aug. 3.

**N. J., Caldwell**—Borough rejected bids for macadamizing Hatfield St. and Park Ave. Work to be done by day labor.

**N. J., Glen Ridge**—Osborne & Marcellus, West Orange, at $54,890, low bidder paving Ridgewood Ave., concrete.

**N. J., Jersey City**—(Official)—City received low bid improving St. Paul Ave. and Old Bergen Rd. from Van Keuren Construction Co., Newark. C. A. Van Keuren, City Engr. Noted Aug. 31.

**N. J., Mt. Holley**—(Official)—Burlington County received low bids improving portion Mile Hollow-Yardville Rd. from Newton Paving Co., Trenton, $37,061; H. Klockner, Hopewell, $38,549; C. R. Read & Co., Trenton, $42,567. Noted Aug. 10.

**N. J., Newark**—J. S. Geigers Sons, 80 Hartford St., Newark, at $42,643, low bidder repaving portion Roseville Ave. M. R. Sherrard, City Engr. Noted Aug. 31.

**N. J., Paterson**—Passaic County let contract improving portion Totowa Rd. to SOWERBUTT & HARROP, Paterson, $21,555. Noted Aug. 31.

**N. J., Plainfield**—(Official)—City let contract paving to HICKEY & HOUGHTON, INC., Somerville, Leland Ave., $5,258; Sumner Ave., $6,834, Kensington Ave., $7,466, Stelle Ave., $4,064. Noted Aug. 24.

**N. J., Ridgefield Park**—Bd. Comrs. let contract improving Grove St. to DE NAPOLI-TORIELLO CONSTRUCTION CO., Hackensack, $4,495.

**N. J., Rutherford**—Borough let contract improving Carlton Ave. to A. BORGHI, Woodridge, $9,053.

**Penn., Allentown**—City let contract paving portion Spruce St. to HERBER ASPHALT PAVING CO., Lentz Bldg. Noted Aug. 10.

**Penn., Connellsville**—City let contract paving 9th St. to J. I. DICK, Scottdale, about $10,000.

**Penn., Dormont**—City let contract improving Pinchurst, Hillsdale and Raleigh Ave. and Anderson Way to J. I. DICK, Scottdale.

**Penn., Du Bois**—City let contract paving Long St. to JOHNSON & KERNS, Du Bois, $9,152. Noted July 13.

**Penn., Edwardsville**—City let contract paving Roosevelt and Russell St. to J. BANKS CONSTRUCTION CO., Bennett Bldg., Wilkes-Barre, about $15,000 and $75,000 respectively. Noted July 6.

**Penn., Harrisburg**—City let contract grading Maclay St. and Hickory Alley to W. H. MURPHY & SONS.

**Penn., Greensburg**—City let contract paving and curbing portion Fulton St. to J. H. OFFUTT, $8,964. Noted July 20.

**Penn., Greensburg**—City let contract paving and curbing various streets to L. F. EDWARDS, $10,559.

**Penn., Philadelphia**—Dept. Pub. Wks. let contract paving portion Tioga St. to EASTERN PAVING CO., 1416 South Penn Sq., Philadelphia, $6,750.

**Penn., Plains**—(Walkes-Barre post office)—City let contract paving and curbing Miner and Helen St. to J. MORITZ, Plains.

**Penn., Plymouth**—Borough let contract paving Academy St. to E. QUINN, $4,500. Noted Aug. 31.

**Penn., Turtle Creek**—City let contract improving portion Railroad St. to R. H. CUNNINGHAM, about $4,500.

**Penn., Williamsport**—City let contract paving portion Arch St. to BUSCH & STEWART, Williamsport, $2.36 per yd.

**Md., Princess Anne**—Somerset County let contract road from Westover to Pocomoke to AMBLER-DAVIS CO., Philadelphia, $109,688.

**Md., Rockville**—(Official)—Montgomery County let contract portion State-Aid Highway upon or along Poolesville Rd. to G. B. MULLIN CO., 144 Kennedy St., N. W., Washington, D. C., about $50,000. Noted Aug. 3.

**Va., Suffolk**—City let contract surfacing portion Washington St. to McGUIRE CONSTRUCTION CO., Norfolk. Noted July 27.

**W. Va., Charleston**—(Official)—Kanawha County Court let contract Kanawha and James River Turnpike, portion of Midland Trail between St. Albans and Charleston, to CENTRAL ENGINEERING CO., Charleston, about $100,000.

**W. Va., Clarksburg**—City let contract paving West Pike St. to W. B. VIRGIE, Clarksburg, about $12,000. Noted Aug. 24.

**N. C., North Wilkesboro**—City let contract paving to HUDSON CONSTRUCTING CO., Atlanta, Ga. Noted Apr. 27.

**N. C., Southport**—Brunswick County let contract 9¾ mi. sand clay road in North West Township to D. A. BENNETT CO., Winnabow, $1,000 per mi.

**N. C., Warrenton**—(Official)—City let contract 6,000 sq.yd. paving to R. G. LASSITER CO., Oxford, $15,000. Noted Aug. 10.

**Ala., Center**—County let contract extending public road to NEWELL BROS., Birmingham. Noted Aug. 17.

**Miss., Columbus**—Lowndes County let contract road work to J. L. WELLS, $17,600.

**Miss., Gulfport**—City let contract paving 5½ mi. streets to J. B. McCRARY, Atlanta, about $35,000.

**Miss., Lexington**—Holmes County let contract 40 mi. gravel roads, including bridges and culverts, to INLAND CONSTRUCTION CO., Chandler, Okla., $144,000.

**Miss., Meridian**—City let contract paving streets to GOOD ROADS SURFACING CO., about $6,157.

**Tenn., Greenville**—City let contract 13,663 sq.yd. paving and 12,500 lin.ft. curb and gutter to MUNICIPAL PAVING CO., Nashville.

**Ky., Covington**—Kenton County let contract 1 mi. pike road to Z. HEDGER, $22,000.

**Ky., Henderson**—Henderson County let contract ¾ mi. macadam road to E. MANION, Henderson, about $24,000 available.

**Ky., Louisville**—City let contract paving to I. A. BARKER, Lyons Ave., $37,000; J. A. CAHILL, Bloom and McHenry St., $6,700, alleys, $5,600.

**Ohio, Cleveland**—City let contract paving Clark Ave. viaduct to RIELEY BROS., 348 Arcade, $69,323.

**Ohio, Cleveland**—City let contract paving portion Longview Ave. to CLEVELAND-TRINIDAD ASPHALT PAVING CO., $17,427; Wyandotte Ave., ANDREWS ASPHALT PAVING CO., $5,470.

**Ohio, Columbus**—City let contract paving portion Tulane Rd. to A. W. BURNS & CO., Columbus, about $25,010.

**Ohio, Columbus**—City let contract paving portion Lehman St. to G. GIEGELE & SON, $4,15[illegible]

**Ohio, Columbus**—Low bids received by State Highway Dept., Aug. 31, for road work were as follows: Coshocton County, 2.37 mi., Walhonding-Newark Rd., macadam, Lee, Griggs & Anderson, Millersburg, $8,518, P. M. Deetz, Millersburg, $8,743; Erie County, 4 mi. Columbus-Sandusky Rd., waterbound macadam, Heyman & Heyman, Bellevue, $37,000, Buckeye Engineering Co., Norwalk, $37,034; Highland County, 1.75 mi. West Union-Belfast Rd., waterbound-macadam, bridges and culverts, E. Bean, Highland, $7,303; Jackson County, 1.08 mi. Jackson-Ironton Rd., brick, bridges and culverts, Mahl & Mahl, Ironton, Contract No. 1, $25,892; Pickaway County, 5.1 mi. Circleville-Adelphis Rd., gravel, bridges and culverts, W. E. Juston, Circleville, $17,662, Harness Rennick, Williamsport, $18,362; Seneca County, 1.20 mi. Lima-Sandusky Rd., macadam and concrete, Sprout & Murphy, Kansas, $11,988, Souder & Peter, Fostoria, $12,499; Cuyahoga County, Cleveland-Sandusky Rd., Sec. "A," Elyria Construction Co., Elyria, $157,836, McHugh Bros., Cleveland, $164,780, Pace Bros., Cleveland, $157,402, Johnson Construction Co., Chicago, $159,077.

**Ohio, Dennison**—(Official)—City let contract improving portions Logan and 6th St. to SPRINGER & ROGERS, New Philadelphia, $16,851. Noted Aug. 17.

**Ohio, Fairview**—City let contract about 3 mi. sidewalks to C. G. FAY, 2087 West 91st St., Cleveland, $10,000.

**Ohio, Findlay**—City let contract resurfacing portion East Sandusky St. to J. H. HALL, $14,534. Noted Aug. 17.

**Ohio, Findlay**—City let contract improving Prospect Ave. and Larkin St. to JOHNSON CONSTRUCTION CO., 115 South Dearborn St., Chicago. Noted Apr. 27.

**Ohio, Greenfield**—City let contract improving 5th, 6th, Midway and Lafayette St. to RINGWALD SONS CO., Chillicothe. Noted July 27.

**Ohio, Napoleon**—City let contract paving and curbing to JOHNSON & RITZ, Maple St., $5,766, Dodd St., $6,690.

**Ohio, New Concord**—(Official)—No bids were received by village for paving College and Depot St. and Montgomery Blvd. W. C. Trace, Clk. Noted Aug. 31.

**Ohio, New Philadelphia**—City let contract paving portion East Front and East Ray St. to SPRINGER & ROGERS, New Philadelphia. Noted May 11.

**Ohio, Norwalk**—(Official)—City let contract paving Milan St. to G. E. SCOTT, Norwalk, $10,418. Noted Aug. 31.

**Ohio, Salem**—City let contract improving portion West Dry St. to BUHL & BAKER. Noted May 25.

**Ohio, Sandusky**—City let contract paving and curbing Boalt St. to M. J. CULLIN.

**Ohio, Springfield**—City let contract paving Lowry Ave. and Center St. to M. J. HANNON.

**Ohio, Washington Court House**—(Official)—City let contract paving Lewis and Fayette St. and Ogle and Delaware Ave. to G. H. HEFFNER & SON, Celina. Noted Aug. 24.

**Ohio, Wooster**—Bids received for paving Mt. Eaton and Lebanon Rd., (a) Mono brick, (b) waterbound macadam, as follows: Highway Construction Co., Elyria, (b) $42,255; Lee, Griggs & Anderson, Millersburg, (a) $63,809, (b) $46,927; J. C. Devine Co., Alliance, (a) $64,668, (b) $45,763.

**Ohio, Youngstown**—(Official)—City let contract paving portion Milton St. to V. OLSON CONSTRUCTION CO., Mahoning Bank Bldg., Youngstown, $9,823. Noted Aug. 31.

**Ind., Angola**—(Official)—No bids were received by county for road on Dekalb-Steuben County line. Noted Aug. 17.

**Ind., Auburn**—(Official)—County received no bids for gravel road in Franklin Township. Noted Aug. 24.

**Ind., Brazil**—(Official)—Clay County let contract roads in Posey Township to KEEGAN BROS., Brazil, $12,298; Harrison Township, T. N. CROUSE, Clay City, $13,945. Noted Aug. 31.

Streets and Roads (Continued)

**Ind., Columbia**—(Official)—County rejected bids for roads in various townships. J. A. McLaughlin, Columbia, Audr.

**Ind., Corydon**—(Official)—Harrison County received no bids for gravel or macadam road on Washington-Heth Township line. Noted Aug. 24.

**Ind., Elwood**—City let contract sidewalks on portion South A St. to FESLER & WISE, Frankton.

**Ind., Ft. Wayne**—Allen County let contract 1 mi. road to C. W. ELING, $4,785; 3 mi., A. H. FRY, $16,195; 2 mi. RIDER & WEBSTER, $9,538. Noted Aug. 3.

**Ind., Fowler**—(Official)—County let contract road Hickory Township to A. E. GRAY, Fowler, $12,900. Noted Aug. 24.

**Ind., Jeffersonville**—(Official)—County let contract road Utica Township to W. PASS, Sellersburg, $8,700. Noted Aug. 17.

**Ind., Jeffersonville**—(Official)—County let contract road in Charleston Township to DILLINGER & LUTZ, Charleston. Noted Aug. 24.

**Ind., Laporte**—(Official)—Laporte County let contract road in Center Township to F. J. KING, Laporte, $12,545. Noted Aug. 31.

**Ind., Rensselaer**—(Official)—County let contract road Marion Township to A. S. KEENE, Wheatfield, $5,072; Kankakee Township, G. STALBAUM, Tefft, $6,999. Noted Aug. 24.

**Ind., Rochester**—(Official)—Fulton County let contract gravel road in Henry and Rochester Township to HATCH & CARVEY, Macy, $7,866. Noted Aug. 31.

**Ind., Valparaiso**—(Official)—County let contract gravel road in Center Township to G. McGILLICURDLY, Valparaiso, $4,198. Noted Aug. 24.

**Ind., Vernon**—(Official)—County let contract road Vernon Township to W. HULSE, Scipio, $7,045. Noted Aug. 24.

**Ind., Winchester**—Randolph County let contracts roads in White River Township to H. ILIFF, Union City, and G. W. HIATT, Winchester. Noted Aug. 24.

**Ind., Williamsport**—City let contract paving 5th St. to J. DORDERS.

**Mich., Birmingham**—City let contract paving portions Redding, Pilgrim and Fairfax Ave. and Oak St. to SLATER CONSTRUCTION CO., Pontiac.

**Mich., Menominee**—City let contract paving, curbing and guttering to A. CARLSON, about $8,000. Noted Aug. 24.

**Mich., Mt. Clemens**—City let contract resurfacing South Gratiot Ave. and New St. to S. S. SAXTON CO., 332 South Michigan Ave., Chicago.

**Mich., Petoskey**—City let contract paving Louis St. to CARPENTER CONSTRUCTION CO., 423 Widdicombe Bldg., Grand Rapids.

**Ill., Beardstown**—City let contract paving portion Jefferson St. to BEARDSTOWN CONCRETE CONSTRUCTION CO.

**Ill., Cicero**—Village let contract paving 56th and 58th Court to R. F. CONWAY, 133 West Washington St., Chicago.

**Ill., Danville**—Vermillion County let contract 398 mi. road to GRANITE CITY LIME AND CEMENT CO., Granite City, about $950,000.

**Ill., Edwardsvile**—City let contract improving Randle St. to CURDIE CONTRACTING CO., Alton, $19,093. Noted Aug. 17.

**Ill., Galesburg**—City let contract paving Seminary St. to J. D. McCAULEY, 13-15 Commercial Bldg., $23,152.

**Ill., Galesburg**—City let contract paving Jefferson St. to J. B. McAULEY, 13-15 Commercial Bldg., $23,865. Noted Aug. 17.

**Ill., Knoxville**—City let contract 10,000 sq.ft. sidewalk to E. R. LACY, Knoxville.

**Ill., Monmouth**—Warren County let contract road on Sec. "D," Route 7, to E. A. LORD CONSTRUCTION CO., Monmouth, $9,233.

**Ill., Olney**—City received low bid paving from A. M. Shattuck, Brazil, East Main St., $12,628, West Main St., $9,655.

**Wis., Menominee**—City plans to resurface portion Wilson Ave. by day labor.

**Wis., Milwaukee**—City let contracts paving; DEAN CONSTRUCTION CO., alley paving 18th Ward, $10,448; G. CZERWINSKI, Clinton St., $10,084; MILWAUKEE GENERAL CONSTRUCTION CO., alley paving 14th Ward, $11,602; MANGER CONSTRUCTION CO., Claybourn St., $8,332; F. HILDEBRAND, JR., alley paving, $4,082.

**Wis., Weyauwega**—Village Bd. let contract paving to A. KRAMP, Berlin.

**Iowa, Dubuque**—City let contract improving portion Pine St. to J. F. LEE, 18th and Pine St. Noted Aug. 17.

**Iowa, Lubuque**—City let contract improving portion Eagle St. to J. F. LEE, 18th and Pine St. Noted Aug. 17.

**Iowa, Dubuque**—City let contract improving portion Nevada St. to J. F. LEE, 18th and Pine St. Noted Aug. 17.

**Iowa, Sioux City**—(Official)—City let contract 25,000 sq.yd. concrete paving, including 10,000 ft. concrete curb, to HANSEN & SON, Sioux City, $11,645. Noted Aug. 17.

**Iowa, Spirit Lake**—Dickinson County let contract grading Spirit Lake Rd. to J. E. KUGHN, Dows, $10,000.

**Iowa, Waterloo**—Blackhawk County let contract 5 mi. highway to G. W. GORDON, Omaha, $25,181.

**Minn., Duluth**—City rejected bids for paving 6th Ave.

**Minn., St. Paul**—City let contract grading Burns Ave. to G. HEINABER, $6,440. Noted Aug. 3.

**Kan., Chanute**—City let contract paving to RUSTAMIER & TURNER, $5,327.

**Kan., Manhattan**—Riley County let contract Iola-Geneva Rd. to KAW PAVING CO., Topeka, 13,763 sq.yd. gravel, $6,744; 10,476 sq.yd. macadam base, gravel top, $7,125; 21,276 sq.yd., macadam base, gravel top, $14,255.

**Kan., Minneapolis**—City let contract about 35,000 yd. paving to SECURITY PAVING CO., Kansas City, Mo. Noted June 29.

**Kan., Neodesha**—City let contract paving 7th, 8th and Grant St. to J. K. SHINN, $10,454. Noted Aug. 24.

**Kan., Parsons**—City let contract paving Appleton Ave. and 25th St. to ELLIOT & VANCE. Noted June 8.

**Neb., Omaha**—City let contract grading 37th and Grove St. to J. E. TURNER, 29th and Izard St. Noted Aug. 31.

**Neb., Seward**—City let contract paving to ROBERTS CONSTRUCTION CO., Lincoln.

**Wyo., Sheridan**—Warren Construction Co., at $18,000, low bidder paving in Impvt. Dist. No. 6.

**Mont., Laurel**—H. C. Green, at $43,102, low bidder paving various streets.

**Mo., Chillicothe**—City let contract paving portion 9th St. to KLEIN PLUMBING AND HEATING CO.

**Mo., Higginsville**—City let contract paving portion Washington St. to F. D. MARTIN CONSTRUCTION CO., Rialto Bldg., Kansas City.

**Mo., Joplin**—City let contract paving portion Joplin St. to D. C. TURNBULL, $4,394. Noted Aug. 24.

**Mo., Kansas City**—City let contract paving portion McGee St. to E. D. TYNER CONSTRUCTION CO.

**Mo., Richmond**—City rejected bids paving West Main St. G. E. Bay, City Clk.

**Mo., Webb City**—City let contract paving to STUCKEY & SON, Joplin.

**Tex., Bryan**—City let contract to KAW PAVING CO., Topeka, Kan., graveling portions North Washington, Robertson, Lee and other streets; curbing and guttering same streets to SEGALL & JARRETT, Waxahachie, about $50,000.

**Tex., Port Arthur**—City let contract paving Proctor St. and Vandervoort Blvd. to EUREKA CONSTRUCTION CO. About $86,000 available. Noted Sept. 7.

**Utah, Ogden**—City let contract for paving in Dist. No. 120 to J. P. O'NEIL CONSTRUCTION CO., Ogden, $15,406. Noted Aug. 31.

**Ariz., Globe**—Gila County let contract paving portion Winkelman-Hayden Highway to TRISTATE CONSTRUCTION CO., $12,329.

**Wash., Camas**—Council rejected bids for paving Clark St.

**Wash., Seattle**—Sparger Construction Co., at $70,900, low bidder paving Duwamish Highway, King County.

**Wash., South Bend**—Pacific County let contract paving portion Columbia-North Bank Highway and Chinook Depot Highway to E. L. COULTER, $6,498. Noted Aug. 10.

**Ore., Eugene**—(Official)—County rejected only bid for paving Mohawk Valley Rd. Noted Aug. 24.

**Ore., Portland**—City received low bid paving East Davis and East 16th St. to OREGON HASSAM PAVING CO., Portland, $13,051. Noted Aug 31.

**Calif., Anaheim**—City received low bid paving, about 371,194 sq.ft. on West Broadway from G. R. CURTIS, 552 South St. Louis St., Los Angeles, $37,925.

**Calif., Los Angeles**—Los Angeles County received low bid paving 2.85 mi. road on Route 1 from Conner Contracting Co., Higgins Bldg., at $10,136.

**Calif., Oakland**—City let contract improving portion Plymouth St. to J. CATUCCI, 1230 18th St.; 75th Ave., OAKLAND PAVING CO., 5,000 Broadway; Virginia and Elmwood Ave., HUTCHINSON CO., 13th and Franklin St.

**Calif., Ontario**—City let contract paving to SOUTHERN CALIFORNIA CONTRACTING CO., Los Angeles, San Antonio Ave., $15,444; Mountain Ave., $49,408.

**Calif., Oroville**—Butte County let contract highway to D. BAYLES, Biggs, $6,950.

**Calif., Placerville**—City let contract paving to A. TEICHERT & SON, Sacramento, $21,070. Noted Aug. 17.

**Calif., Sacramento**—City let contract paving portion 1st Ave., to A. TEICHERT & SON; J. St., CLARK & HENEREY CONSTRUCTION CO.

**Calif., Sacramento**—City let contract paving portion Hale Ave. to CLARK & HENEREY CONSTRUCTION CO., Ochner Bldg., $7,575.

**Calif., Sacramento**—City let contract improving portion H St. to CLARK & HENEREY CONSTRUCTION CO., Ochner Bldg., $20,393.

**Calif., Salinas**—City let contract improving Riker St. to D. McCORMICK.

**Calif., San Bernardino**—City let contract improving 6th St. to W. D. BOHAN.

**Calif., San Francisco**—Bd. Pub. Wks. let contract paving portion Battery St. to PACIFIC CREOSOTE CO., about $4,000.

**Calif., San Francisco**—Bd. Pub. Wks. let contract paving portion De Haro St. to J. P. HOLLAND, 550 3rd St., $8,872.

**Calif., San Francisco**—City let contract sidewalks on Francisco St. to O. McHUGH, Russ Bldg.

**Calif., Stockton**—City let contract paving to PAUL & CALDWELL, $13,828.

**Calif., Tracey**—City let contract paving to R. JOHNSTON, $27,792.

**Que., Hull**—City let contract paving to OTTAWA CONSTRUCTION CO., Central Chambers, Ottawa, about $55,000.

## INDUSTRIAL WORKS

### Proposed Work

**N. H., Keene**—(Official)—F. Zecha plans 2-story addition. About $18,000. H. Foster, Arch.

**Mass., Attleboro**—Frank Mossberg Co., Lamb St., plans two 1-story, 150x200-ft. and 80x120-ft. factories.

**Mass., Boston**—Massachusetts Manufacturing Co. making plans for 3-story, 29x70-ft. factory and bakery. About $15,000. M. J. Mastrangelo, 40 Court St., Arch.

**Mass., Boston**—New York, New Haven & Hartford R.R. making plans for 1-story, 60x200-ft. round house. E. Gagel, New Haven, Conn., Ch. Engr.

**Mass., Springfield**—Bozart Rug Co. making plans for factory. About $100,000. N. C. Bond, North Adams, Arch.

**Conn., Danbury**—New York, New Haven & Hartford R.R. soon lets contract for roundhouse, machine shops and office building on White St. About $65,000. E. Gagel, New Haven, Ch. Engr.

**N. Y., Buffalo**—Cataract Refining and Manufacturing Co. making plans for 2-story, 52x80-ft. addition. About $16,000. R. J. Reidpath & Son, Builders' Exchange, Arch.

**N. Y., Buffalo**—Kelley Island Lime and Transport Co., Leader Bldg., Cleveland, plans factory at Buffalo.

**N. Y., Elmira**—American La France Fire Engine Co. making plans for addition. Brockway & Collin, Syracuse, Arch.

**N. Y., New York**—(Brooklyn)—American Can Co., 447 West 14th St., making plans for 6-story factory. M. L. Loney, Arch.

**N. Y., New York**—(Manhattan)—J. S. Burns & Sons, 600 West 43d St., receiving bids for 6-story, 100x125-ft. rein.-con. factory at 563 11th Ave. About $60,000. M. H. McGuire, 101 Park Ave., Arch.

**N. Y., New York**—(Queens)—Twin Borough Corporation, Broadway, making plans for 1-story storehouse at Flushing, L. I. About $15,000. A. E. Richardson, 100 Amity St., Arch.

**N. Y., New York**—(Queens)—Mann Bros., Maspeth, L. I., receiving bids for 2-story, 275x350-ft. brick and concrete factory. About $200,000. Horenburger & Bardes, 122 Bowery, Arch.

**N. Y., North Tonawanda**—Rand Co. 97 Goundry St., making plans for 3-story addition. About $50,000.

**N. J., Allwood**—(Passaic post office)—Brighton Mills plans plant.

**N. J., Newark**—H. M. Albee & Son, 35 Halsey St., plans 5-story, rein.-con. plant.

**N. J., West Orange**—Edison Co. plans 6-story, 222x666-ft. storage building.

**Penn., Philadelphia**—J. Sjostrom & Co., Inc., 1719 North 10th St., making plans to rebuild 4-story factory. About $30,000.

**Penn., Sharpsville**—Sharpsville Boiler Works plans 120x170-ft. factory. H. J. Garvey, Sharon, Pres.

**Del., Claymont**—Victor Motor Co., 1530 Chestnut St., Philadelphia, Penn., plans plant at Claymont.

**Va., Bristol**—Federal Extract Co. plans plant. About $100,000.

**N. C., Marion**—Clinchfield Manufacturing Co. plans cotton mill to be known as Clinchfield Mill No. 2. About $600,000.

**Ga., Savannah**—Georgia Shipbuilding Co. plans plant. About $50,000.

**Miss., Jackson**—Royal Feed and Milling Co. plans plant. About $50,000.

**Ohio, Cincinnati**—Hirsch Rolling Mills, St. Louis, plans plant at Cincinnati. About $500,000.

**Ohio, Cincinnati**—New Cincinnati Laundry Co. making plans for 3-story, 121x190-ft. laundry. About $75,000. Noted Aug. 31.

**Ohio, Cleveland**—Mills-Carleton Co., 1886 Carter Rd., plans to rebuild plant.

Industrial Works (Continued)

**Ohio, Cleveland**—Peters Millwork and Lumber Co., 1895 Carter Rd., plans to rebuild plant.

**Ohio, Findlay**—A. J. Hull making plans for factory. About $40,000. McLaughlin & Hulsken, 610 Savings Bldg., Lima, Arch. Bids about Sept. 21.

**Ohio, Kent**—Falls River and Machine Co. made plans for 2-story addition. About $25,000. E. McGeorge, Leader-News Bldg., Cleveland, Arch.

**Ohio, Warren**—Westgood Tire and Rubber Co. making plans for 1- and 2-story, 100x240-ft. plant. About $200,000. Owen & Co., Leader-News Bldg., Cleveland, Arch.

**Mich., Benton Harbor**—Baker-Vawter Co. plans 2-story, 60x200-ft. factory.

**Mich., Detroit**—American Radiator Co., Chome St., making plans for 2-story, 85x87-ft. factory. About $15,000. J. E. Youngberg, 25 North Dearborn St., Chicago, Arch.

**Mich., Jackson**—Michigan Cornwell Co., 338 Michigan Ave., making plans for refrigerating plant and warehouse. Cowles & Mutscheller, 114 Washington St., Saginaw, Arch.

**Ill., Chicago**—Hoeft & Co., Ashland Ave. and Kinzie St., making plans for 1-story, 50x50-ft. warehouse. About $10,000. Worthmann & Steinbach, 155 North Clark St., Arch.

**Ill., Chicago**—Municipal Tuberculois Sanitarium plans 1-story addition to laundry. J. Hunt, 30 North Michigan Ave., Arch.

**Ill., Monmouth**—Chicago, Burlington & Quincy Railroad Co. plans roundhouse. W. T. Krausch, Arch. T. E. Calvert, 547 West Jackson Blvd., Chicago, Ch. Engr.

**Ill., Peoria**—Pinkerton Motor Co. making plans for 1-story, 80x107-ft. garage. About $25,000. J. Frederick Kleir, 127 South Jefferson St., Arch.

**Wis., Milwaukee**—Briggs & Stratton Co., 258 Milwaukee St., plans plant at Hopkins Rd. and Center St. About $100,000.

**Iowa, Cedar Falls**—Wagner Manufacturing Co., 122 West 1st St., making plans for 3-story, 30x73-ft. warehouse. J. G. Ralston, 416 Syndicate Bldg., Waterloo, Arch.

**Iowa, Charles City**—Hart-Parr Co. plans addition to steel foundry. About $100,000.

**Minn., Austin**—North Star Refrigerator and Fixture Co., St. Paul, plans 2 brick and concrete factories at Austin.

**Minn., Duluth**—Bridgeman & Russell Co. making plans for 1-story, 110x150-ft. creamery. About $150,000. J. R. De Waard, Glencoe Bldg., Arch. Noted Aug. 17.

**Minn., Minneapolis**—Twin City Concretile Co., Inc., plans factory in Northwest or Midway Dist.

**Minn., St. Paul**—American Dump Car Co., 1004 Pioneer Bldg., plans plant. About $2,000,000.

**Minn., St. Paul**—Nut House, Inc., 911 Western Ave., Seattle, Wash., plans factory at St. Paul. About $50,000.

**Kan., Wichita**—Arkansas Valley Interurban Railway Co. plans carhouse. W. J. Faulkner, Wichita, Supt.

**Mont., Great Falls**—J. Magagnin plans factory. About $128,000.

**Mont., Great Falls**—Washburn-Crosby Co., Minneapolis, Minn., plans flour mill at Great Falls. About $200,000.

**Mo., Kansas City**—Columbian Steel Tank Co. plans 8-story, 48x130-ft. factory. A. A. Kramer, Pres.

**Mo., St. Louis**—Polar Wave Ice and Fuel Co. plans ice-storage plant. About $15,000. Clymer & Drischler, 105 North 7th St., Arch.

**Tex., Galveston**—Bush & Witherspoon plans addition to plant. About $10,000.

**Tex., Galveston**—Galveston Coca-Cola Bottling Co. making plans for addition.

**Tex., Houston**—Reville Rice Association making plans for plant on Houston ship channel. A. M. Poland, Alvin, Pres. Assoc.

**Tex., San Antonio**—John Fest plans brick machine shop. About $12,000.

**Tex., Taylor**—(Official)—City is in market for equipment to take care of byproducts of municipal abattoir; also equipment for abattoir itself. W. E. Dozier, City Mgr. Noted Mar. 30.

**Colo., Denver**—Denver Rock Drill Manufacturing Co. making plans for addition at 39th and Gilpin St. About $15,000. Mountjey & French, Arch.

**Wash., Kirkland**—Standard Tire and Rubber Manufacturing Co. plans 60x120-ft. Class A factory. M. Freed, Pres.

**Ore., Pendleton**—Farmer's Grain Agency plans concrete grain elevator and cleaning plant.

**N. B., St. John**—J. W. Pugsley, Secy. Dept. Railways and Canals, Ottawa, Ont., receiving bids Sept. 18 for grain elevator, 500,000 bu. capacity. Noted Feb. 17.

**Ont., Orangeville**—Canadian Clock Co. making plans for factory. About $50,000.

**Ont., Toronto**—Bryant Paper Co., Kalamazoo, Mich., plans pulp mill at Toronto. About $1,500,000.

**Ont., Toronto**—Queen Hat Manufacturing Co., 82 Bay St., plans factory. About $75,000.

**B. C., New Westminster**—Marsh Hutton Powers Co., Western Truct Blk., making plans for shingle mill. About $50,000.

**B. C., New Westminster**—Vulcan Iron Works plans foundry and steel shipbuilding plant. About $150,000. J. R. Duncan, Mgr.

### Bids In and Contracts Awarded

**Mass., Boston**—Grysmish & Sons, 296 State St., let contract 3-story, 55x180-ft. garage to J. F. GRIFFIN CO., 17 Milk St. About $50,000.

**Mass., Brockton**—Rolli & Bebuecki, Brockton Rd., let contract 1-story, 100x130-ft. bakery to G. W. ELDRIDGE, Moraine St.

**Mass., Everett**—Market Forge Co., 217 5th Ave., Chelsea, let contract 2-story, 48x200-ft. factory to CLARK & LEE, 201 Devonshire St., Boston. About $20,000. Noted Aug. 10.

**Mass., Holyoke**—National Blank Book Co. let contract 2-story addition to CASPER RANGER CONSTRUCTION CO., Bond and Appleton St.

**R. I., Providence**—Wanskuck Co. let contract 2-story, 20x50-ft. addition to GUARANTEE CONSTRUCTION CO., 140 Cedar St., New York. About $90,000.

**Conn., Hartford**—Billings & Spencer, Park and Laurel St., let contract 1-story, 87x290-ft. forging building to J. H. GROZIER CO., 721 Main St. About $65,000.

**Conn., New Haven**—Forsythe Dyeing Co. let contract 2-story, 78x300-ft. addition to H. WALES LINES CO., 134 State St., Meriden. Noted Aug. 17.

**Conn., Waterbury**—Connecticut Co., 134 Grand St., let contract factory to TRACY BROS. CO., 58 Benedict St.

**N. Y., Buffalo**—Hoefler Ice Cream Co. 296 Connecticut St., let contract 3-story, 100x150-ft. factory to TURNER CONSTRUCTION CO., 11 Broadway, New York.

**N. Y., New York**—(Manhattan)—T. G. Patterson, Inc., 637 West 55th St., let contract 1-story, 105x135-ft. automobile service station to H. H. VOUGHT & CO., Grand Central Terminal. About $35,000.

**N. Y., New York**—(Manhattan)—(Official)—Dept. Pub. Charities, Municipal Bldg., received low bids Aug. 31 for 9-story storage building on Blackwell's Island from Benedetto, Clark & Nugent, 423 East 115th St., $20,415; A. Winternitz, $21,000; T. Dwyer, $21,578. Noted Aug. 24.

**N. Y., New York**—(Queens)—New York and Queens Electric Light and Power Co., 444 Jackson Ave., Long Island City, let contract 2-story, 50x80-ft. storehouse and garage to J. H. DEEVES & BRO., 103 Park Ave. About $30,000. Noted Aug. 17.

**N. Y., Plattsburg**—Underwood Paper Co., Inc., let contract mill and machine shop to R. H. RHINELANDER, 5 Berry St., Glens Falls. About $90,000.

**N. Y., Rensselaer**—Bayer Bros., Inc., let contract 2-story, 76x164-ft. factory to FEENEY & SHEEHAN BUILDING CO., 164 Montgomery St., Albany. About $35,000.

**N. Y., Rochester**—Eastman Kodak Co. let contract 4-story, 40x90-ft. addition to BLAKIN CONSTRUCTION CO., Sommer Bldg., Montreal, Que.

**N. Y., White Plains**—T. Simpson let contract 1-story, 50x75-ft. garage to F. N. GOBLE, 1 East 42d St. About $25,000.

**N. J., Hawthorne**—Shafer Ball Bearing Co., Inc., 1790 Broadway, New York, let contract masonry 1-story, 80x250-ft. factory to J. H. STEELE & SON, 140 Market St., Paterson. About $25,000.

**Penn., Philadelphia**—E. G. Budd Manufacturing Co., Hunting Park Ave., Nicetown, Philadelphia, let contract plant to F. W. MARK CONSTRUCTION CO., Finance Bldg. Noted July 27.

**Penn., Philadelphia**—M. D. Pancoast Co., 3d and Locust St., let contract machine shop, storage shed and office building to F. A. HAVENS, 845 North 19th St. About $20,000.

**Penn., Reading**—Carpenter Steel Co. let contract 2-story, 77x193-ft. storage building to BEARD CONSTRUCTION CO., 658 Penn St. About $30,000.

**Penn., Wilson**—Morris & Bailey Co. let contract plant to McCLINTIC, MARSHALL CO., Oliver Bldg., Pittsburgh.

**Md., Baltimore**—Sevarese Macaroni Co. let contract 1-story, 120x325-ft. addition to J. H. SMITH, 1426 Light St. About $50,000.

**Va., Norfolk**—Southgate Terminal Corporation let contract 3-story warehouse on Dumore St. to J. H. PIERCE, Norfolk. About $22,000. Noted Dec. 23.

**Ky., Ashland**—Ashland Leather Co. let contract rein.-con. addition to CENTRAL ENGINEERING CO., Charleston, W. Va. About $25,000.

**Ky., Frankfort**—State Bd. of Prison Comrs. let contract factory to SCOTT & STAFFORD. About $10,300. Noted Sept. 7.

**Ohio, Bucyrus**—Ohio Crane Co. let contract masonry 1-story, 90x200-ft. erecting shop to G TEYNOR. About $40,000. Noted July 27.

**Ohio, Cincinnati**—French Bros.—Bauer Co. let contract plant at Plum and Canal St. to FERRO CONCRETE CONSTRUCTION CO., Richmond and Harriet St. About $500,000. Noted Feb. 17.

**Ohio, Cleveland**—Bondy Manufacturing Co. let contract 1-story, 40x100-ft. plant to WALTHER ENGINEERING CO., 1941 East 66th St. About $10,000. Noted Aug. 31.

**Ohio, Cleveland**—K. M. Bruhn, 1711 East 27th St., let contract 1-story, 80x146-ft. machine shop to FRASER CONSTRUCTION CO., 2030 East 61st Pl. About $10,000. Noted Feb. 24.

**Ohio, Cleveland**—Dann Products Co. let contract plant on East 152nd St. to CROWELL LUNDOFF-LITTLE CO., 1951 East 57th St. About $100,000. Noted July 27.

**Ohio, Cleveland**—Sherwin Williams Co., 601 Canal Rd., let contract plant to MINNICK, GIBBONS CO., 5309 Prospect Ave.

**Ohio, East Liverpool**—Golding & Sons Co. let contract factory to POTTERS LUMBER CO. East Liverpool. About $30,000. Noted Apr. 1.

**Ohio, Newark**—A. H. Heisey Glass Co. let contract 3-story, 50x110-ft. rein.-con. building to W. B. PATTON South Park Pl.

**Ohio, Willoughby**—Ben Hur Motor Co. let contract 1st unit of plant, 2-story, 150x100-ft. rein.-con., to PAUL BROS. CO., 615 Citizens Bldg., Cleveland.

**Ohio, Youngstown**—General Fireproofing Co. let contract 1-story, 60x72-ft. factory to HELLER BROS. CO., Furnace St. About $11,000.

**Ind., Indianapolis**—Hogan Transfer and Storage Co. let contract 5-story warehouse and storage building at 853 Massachusetts Ave. to HALL CURRY CONSTRUCTION CO., Bd. Trade Bldg. About $150,000.

**Mich., Battle Creek**—Grocers, Inc., let contract 3-story warehouse to R. G. PHELPS, 731 Maple St. Noted July 16.

**Mich., Detroit**—A. Peters, Gratiot and Granby Ave., let contract 2-story, 84x112-ft. storage building to SCHMIED SISMAN CO., 401 Beaufait St. About $10,000.

**Ill., Chicago**—Albright-Nell Co. let contract 3-story, 100x150-ft. machine shop to E. L. ARCHIBALD CO., 111 West Washington St. About $90,000. Noted Aug. 3.

**Ill., Chicago**—Central Manufacturing Dist. let contract 2-story, 44x104-ft. addition to factory to be leased by American Printing Ink Co., to E. W. SPROUL CO., 1120 West 35th St. About $20,000. Noted Nov. 25.

**Ill., Chicago**—T. C. Denneby let contract 1-story, 94x110-ft. auto service station to A. KRAMER, 4343 Wilcox Ave. About $20,000.

**Ill., Chicago**—Sherwin, Williams Co., 601 Canal Rd., Cleveland, let contract plant to SUMNER, SOLLITT CO., 79 East Adams St. About $75,000.

**Ill., Highland Park**—D. C. Purdy let contract masonry 1-story, 40x200-ft. warehouse and tin shop to JENSEN & STEENHILL, 185 South Dearborn St., Chicago.

**Wis., Beloit**—Stewart Warner Speedometer Co. let contract plant to J. JENSEN, 1634 Mozart St., Chicago. About $300,000.

**Iowa, Davenport**—Kohrs Packing Co. let contract cold-storage plant to A. A. ARNOULD. About $50,000. Noted July 20.

**Minn., Duluth**—W. Sweat let contract warehouse on West Railroad St. to G. H. LOUNSBERRY.

**Minn., Minneapolis**—Chute Realty Co., University Ave., N. E., let contract 1-story factory to J. WUNDER CO., 3006 Park Ave. About $30,000. Noted May 11.

**Minn., Minneapolis**—Washburn—Crosby Co. let contract factory to PIKE & COOK, 416 South 5th St. Noted Feb. 24.

**Minn., Minneapolis**—Wilcox & Gruber let contract 2-story, 40x100-ft. factory to A. A. KINDEM, 729 Plymouth Bldg. About $10,000.

**Minn., Minneapolis**—Linde Air Products Co. let contract plant at Stinson Boule and East Henderson Ave. to SPLADY, ALBEE & SMITH, Plymouth Bldg., $150,000.

**Minn., New Prague**—New Prague Flour Mill Co. let contract grain elevator to HAGLIN, STAHR CO., Lumber Exchange, Minneapolis. About $20,000.

**Minn., St. Paul**—Twin City Pipe Covering Co. let contract 2-story, 42x100-ft. factory to H. C. STRUCHEN, 405 Dakota Bldg.

**Kan., Argentine**—National Zinc Works let contract factory to L. CROSBY & SON, 517 Massachusetts Bldg., Kansas City, Mo. About $25,000.

**Mont., Portage**—Imperial Elevator Co., 306 Chamber of Commerce Bldg., Minneapolis, let contract grain elevator to C. E. BIRD & CO., 614 Corn Exchange Bldg.

**Colo., Ft. Morgan**—Contract addition to Gillett garage let to N. HOGG, Sterling, $22,000.

**Wash., Seattle**—Washington Mattress Co. let contract 3-story, 75x180-ft. concrete factory at 4th Ave., S and Walker St. to FERRO CONCRETE CONSTRUCTION CO., Empire Bldg. About $14,000.

**Calif., Los Angeles**—Globe Grain and Milling Co. let contract 1-story, 200x200-ft. rein.-con. factory to LEONART & PECK, 721 H. W. Hellman Bldg. Noted Aug. 31.

**Calif., Los Angeles**—Diamond Laundry Co., 241 East 5th St., let contract 4-story, 110x200-ft. rein.-con. laundry to ATLAS BUILDING CO., 911 Haas Bldg. About $100,000. Noted July 27.

Industrial Works (Continued)

**Que., Montreal**—Thompson Norris Co., 353 Notre Dame St., E., let contract rein.-con. factory and power house to ATLAS CONSTRUCTION CO., 37 Belmont St.

**Ont., Brantford**—Dominion Steel Products Co. let contract rein-con. factory to AUSTIN CONSTRUCTION CO., Cleveland. About $60 000. Noted Aug. 24.

**Ont., Ft. William**—J. King, Victoria Ave., let contract grain elevator to D. A. GORDON, Luci Court, $55,000.

**Ont., Port Arthur**—Canadian Northern Ry. let contract roundhouse, machine shops, etc., to J. H. SIMMONS, 7 Florence Ave., Winnipeg, $53,000.

**Ont., Toronto**—J. G. Kent, Confederation Life Bldg., let contract warehouse to T. ESSERY, Elliott House. About $50,000.

**Ont., Toronto**—F. W. Woolworth Co., 4 Queen St., W., let contract brick warehouse to S. L. YOLLES, 67 Baldwin St. About $75,000.

## FEDERAL GOVERNMENT WORK

### Proposed Work

**N. Y., Buffalo**—Wharf—Lighthouse Inspector, Buffalo, receiving bids Sept. 21 for rebuilding wharf, etc., at Sandusky Bay Lighthouse Depot (Cedar Point), Ohio. (See adv. Sept. 7 issue.)

**N. Y., New York**—Pipe—Bureau of Supplies and Accounts, Navy Dept., Washington, soon receives bids for furnishing under Schedule 111 miscellaneous black steel pipe.

**Penn., Du Bois**—Post Office—James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, receiving bids Oct. 19.

**D. C., Washington**—Cars—Bureau of Supplies and Accounts, Navy Dept., soon receives bids for 3 all steel hopper cars, Schedule 114.

**D. C., Washington**—Pipe—Bureau of Supplies and Accounts, Navy Dept., soon receives bids for furnishing under Schedule 108 miscellaneous galvanized steel pipe.

**Va., Rosslyn**—Crane—Dept. of Agriculture, Washington, receiving bids Sept. 29 for one 10-ton electric carrying crane in building at Arlington Farm near Rosslyn.

**S. C., Charleston**—Dredging—Bureau of Yards and Docks, Navy Dept., Washington, receiving bids Oct. 7, Cooper River. F. R. Harris, Ch.

**S. C., Florence**—Road Work—Depot Quartermaster, U. S. Army, Washington, receiving bids Sept. 19 resurfacing roadway from city limits to National Cemetery.

**Ky., Louisville**—Iron Castings—U. S. Engineer Office receiving bids Oct. 2 for gray-iron castings for Lock No. 41, Ohio River. (See adv.)

**Mont., St. Ignatius**—Canal Work—U. S. Rec. Ser., St. Ignatius, receiving bids Oct. 10, Flathead Project. A. P. Davis, Ch. Engr.

**Colo., Denver**—Valves—U. S. Rec. Ser., Denver, receiving bids Sept. 20, north tunnel Roosevelt Dam, Salt River Project. A. P. Davis, Ch. Engr.

### Bids In and Contracts Awarded

**Mass., Woods Hole**—Dredging—Lighthouse Inspector, Boston, received bids for dredging channel and basin in Little Woods Hole Harbor from Morris & Cummings Dredging Co., New York, $0.177 per cu.yd.; Coastwise Dredging Co., Norfolk, Va., $0.1895; E. Breyman, 1120 Beacon St., Boston, $0.23. Noted Aug. 24.

**N. Y., Buffalo**—Dredging—Contract dredging and rock excavation at Dunkirk Harbor let to O. E. DUNBAR, Detroit, $50,258. Noted Aug. 24.

**N. Y., New York**—Elevator—Low bidders U. S. Marine Hospital, Stapleton, S. I., were: Kaestner & Hecht Co., Chicago, $7,700; Otis Elevator Co., Washington, $8,340; A. B. See Electric Elevator Co., New York, $10,135.

**Va., Norfolk**—Building—Low bidders structural shop at Navy Yard, were P. F. Gormley & Co., Washington; G. E. Wyne, Washington; J. H. Miller, Baltimore. Noted Aug. 17.

**Fla., Key West**—Fire Protection System—Contract let to CARROLL ELECTRIC CO., Washington, at $16,800, Key West Naval Station. Noted Aug. 17.

**Ky., Louisville**—Hull and Derrick—Contract for steel hull and derrick for dredge "Casey" let to DUBUQUE BOAT AND BOILER WORKS, Dubuque, Iowa, $16,487. Noted July 13.

**China, Peking**—Ice Plant—Low bidder at U. S. Marine Barracks, (a) work complete at Peking, (b) work complete in accordance with bidders' plans and specifications, (c) price of service for supervising engineer for period 30 days, (d) in excess of 30 days, was Arctic Ice Machine Co., 920 Market Ave., Canton, (a) $5,189, (b) $5,189, (c) $900, (d) $7. Noted Aug. 3.

## CANALS, DITCHES AND IRRIGATION

### Proposed Work

**N. Y., Albany**—Barge Canal Work—W. W. Wotherspoon, Supt. Pub. Wks., receiving bids Oct. 3 for Contract No. 2-G Erie Canal, Section 1; Contract No. 44-A, Erie Canal, Section 5; Contract No. 132, Erie Canal, Sections 5 and 6; Contract No. 133, Erie Canal, Section 4 and Terminal Contract No. 48. Noted Aug. 10. (See adv.)

**Ga., Savannah**—Canal—County soon lets contract for extending Casey Canal. E. R. Conant, Engr. Noted July 20.

**Ohio, Toledo**—Reclamation—City plans to spend about $293,000 for widening and deepening mosquito infested streams reclaiming marsh lands. Election will be held to vote on project. W. H. Gould and C. Dowd, interested.

**Ind., Ft. Wayne**—Ditch—Allen County plans Schlemmer Ditch. About $6,051.

**Ill., Edwardsville**—Reclamation—Cahokia Creek Levee and Drainage Dist. plans reclaiming farm lands along Cahokia Creek.

**Ill., Quincy**—Drainage—Hunt Drainage Dist. Comrs. plan consolidating districts and reclaiming 30,000 acres. About $500 000.

**Minn., Elbow Lake**—Ditch—Grant County plans ditch, 5 mi. W. G. Burgess, Elbow Lake, Engr.

**Minn., Redwood Falls**—Ditches—Redwood County receiving bids Sept. 16 for Ditches Nos. 25, 26, 30 and 35. L. P. Larson, Redwood Falls, County Audr.

**Minn., St. James**—Ditch—Watonwan County receiving bids Sept. 22 for Judicial Ditch No. 11. J. C. Jensen, St. James, County Audr. Noted Sept. 7.

**Ark., Marion**—Drainage—Comrs. Drainage Dist. No. 8, Crittenden Court, receiving bids Sept. 21 for about 1,350,000 cu.yd. earth excavation. Morgan Engineering Co., 608 Goodwyn Institute Bldg., Memphis, Tenn., Engr. Noted Apr. 6.

**Tex., Ft. Stockton**—Irrigation—R. Kennedy plans dam to impound waters of Cayonosa Creek and build irrigation plant and canal system.

**Tex., Hovey**—Irrigation—F. Graef plans irrigation plant on Cayonosa Creek to irrigate 225 acres.

**N. M., Springer**—Drainage—Springer Ditch Co. plans to improve system.

**Ore., Vale**—Dam—Warm Springs Irrigation Dist. voted $750,000 bonds for dam and improving distribution system. J. Rigby, Vale, Engr. Noted Sept. 7.

**Ore., Vale**—Irrigation—Owyhee Irrigation Dist., comprising about 25,000 acres, organized in Malheur County. Address County Clk., Vale.

**Calif., Bakersfield**—Irrigation—Kern County plans to reclaim about 400,000 acres, build reservoirs and dams and irrigation system. B. McGowan, Dist. Atty., interested.

### Bids In and Contracts Awarded

**Mass., Gloucester**—Dredging—City let contract dredging 6,000 cu.yd. in Gloucester Harbor to BOSTON DREDGING CO., 40 Central St., Boston, 47¼c. per cu.yd. Noted Aug. 17.

**N. Y., Albany**—Barge Canal Work—Low bids received Aug. 30 for improving New York State Canals, Contract No. 135, Erie Canal, Section 3, from Great Lakes Dredge and Dock Co., Albany, $57,038; A. A. Parker, Waterford, $64,543; Houston Barnard, Rochester, $67,545. Noted Aug. 3.

**N. Y., Albany**—Barge Canal Work—Low bids received Sept. 6 for Terminal Contract No. 31, dock wall and an approach at Lyons from Lupfer & Remick, Ellicott Sq., Buffalo, $51,653; Chesley, Earl & Heimbach, Inc., 20 Breckenridge St., $51,923; J. A. LaPorte, Mechanicville, $53,426. Noted Aug. 17.

**N. Y., Albany**—Barge Canal Work—Contract let to LARKIN & SANGSTER, 906 D. S. Morgan Bldg., Buffalo, $115,980, for Contract No. 99, Oswego Canal, Section 1, portions of bridge over Oswego River at Minetto. Noted Aug. 17.

**N. Y., New York**—(Manhattan)—(Official)—Dredging—Bids received Aug. 16 for dredging West 209th St., Harlem River, Contract No. 1524, rejected. Noted Aug. 24.

**N. Y., Rensselaer**—Dredging—Contract dredging at foot of Akin Ave., let to J. P. RANDERSON, Albany.

**S. C., York**—(Official)—Drainage—Turkey Creek Drainage Dist. received low bid for 26 mi. ditches, 86,000 cu.yd. excavation, from L. O. White, Statesville, N. C., $50,000. W. D. Alexander, 412 North Graham St., Charlotte, N. C., Engr. Noted Aug. 24.

**Tenn., Selmer**—Drainage—Middle Creek Drainage Dist. let contract 228,000 cu.yd. dirt excavation to P. H. THRESHER, $21,000.

**Ind., Brazil**—Drainage—Low bids received Aug. 25 for channel for Eel River, (a) one floating dredge, (b) 2 floating dredges, from A. V. Wells & Co., St. Louis, (a) 10.4c. per cu.yd.; East & De Frees, Worthington, (b) 10c.; F. C. Morgan, Indianapolis, (b) 19.65c. Noted Aug. 10.

**Ill., Lovington**—Drainage Work—Lovington Drainage Dist. let contract to J. M. DRISCOLL, Decatur, $20,600.

**Ill., Paris**—Drainage—Contract cleaning and grubbing drainage Dist. No. 1. Young American Township, let to A. C. McGINNIS & CO., Bement, $21,400.

**Ill., Rock Island**—Drainage—Drury Drainage Dist. rejected bids received for 9 mi. levee along Mississippi River. About $60,000. Elliott & Harman Engineering Co., Peoria, Engr. Noted Aug. 3.

**Iowa, Clinton**—(Official)—Ditches—Clinton County let contract ditches in Drainage Dist. No. 17 to F. W. CRANE CO., Omaha, Neb., $57,239. Noted Aug. 24.

**Iowa, Glenwood**—(Official)—Drainage—Mills County let contract Mills Fremont Drainage Ditch to CALLAHAN BROS. & CREEDON, Omaha, Neb. at $13,395. Noted Aug. 10.

**Iowa, Nevada**—Drainage—Contract Drainage Dist. No. 75 let to COLE BROS., Ames, $20,000.

**Iowa, Webster City**—Drainage—Hamilton County let contracts joint county drain to PLYMOUTH CLAY PRODUCTS CO., Ft. Dodge, $23,895, blocks; WESTERN SEWER PIPE CO., Webster City, $22,191, tile; PAUL PAULSON, Carroll, $21,584, labor.

**Minn., Foley**—(Official)—Ditch—Benton County let contract Ditch No. 14 to P. CHEELEY and A. CHASE, Foley, $6,965. Noted Aug. 10.

**Minn., Morris**—Ditch—Contract open work Ditch No. 25 let to RODGERS CURTIS CO., Minneapolis, $16,571.

**Neb., Blair**—(Official)—Ditch—Bd. County Comrs. let contract De Soto Ditch Improvements, 25,000 cu.yd., to E. F. QUACKENBUSH, Onawa, Iowa, 19c. per yd. Noted Aug. 24.

**Wyo., Germania**—(Official)—Drainage—Contract drainage system let to W. P. BULLOCK, Kansas City, $90,000. R. A. Hart, Salt Lake City, Utah, Engr. Noted June 29.

**Ark., Little Rock**—Drainage—Faulkner's Lake Drainage Dist. Comrs. let contract 17½ mi. ditches to E. J. HAHN, Little Rock, $60,700. Noted June 22.

**Tex., Donna**—(Official)—Irrigation—Donna Irrigation Dist. let contract, reservoirs, dams, canals, laterals, pumping plant, etc., to E. W. WATTS, Donna, $52,000. Noted July 20.

**B. C., Vancouver**—Dredging—Canadian Pacific Railway Co. let contract dredging waterfront between sheds 3 and 7 to W. D. GRANT, Vancouver, $200,000.

## MISCELLANEOUS

### Proposed Work

**N. Y., Albany**—(Official)—Steam Shovel—Work to be sublet, 320,000 cu.yd. steam shovel and dragline work. Address J. A. O'Connor, 100 State St. (See adv. Sept. 7 issue).

**N. Y., New York**—(Bronx)—(Official)—Yard—Pub. Ser. Comn. for First Dist., 120 Broadway, Manhattan, receiving bids Sept. 28 for railroad yard in connection with White Plains Rd. extension of subway, east of White Plains Rd. north of 239th St., to be known as 239th St. Yard.

**N. Y., New York**—(Official)—(Brooklyn)—Track Installation—Pub. Ser. Comn., 120 Broadway, Manhattan, receiving bids Sept. 18 for installing tracks on portion Culver Rapid Transit R.R., Brooklyn.

**N. Y., Willard**—(Official)—Fire Escapes—State Hospital Comn., Capitol, Albany, receiving bids Sept. 21, Willard State Hospital. L. F. Pilcher, Albany, State Arch. (See adv.)

**Penn., Philadelphia**—Playground Improvements—City making plans improving playgrounds at Manayunk, Cresson and Cotman St., about $50,000; Ann and Cambria St., $50,000; C and Indiana Ave., $42,000; 24th and Jackson St., $29,000; Franklin, Shirley and Wylie St., $15,000. W. B. Champlin, 587 City Hall, Secy. Bd. Recreation. P. H. Johnson, Land Title Bldg., Arch. Noted Mar. 16.

**D. C., Bennings**—Speedway, Grandstand, Etc.—National Motor Speedway, Inc., making plans. About $500,000. E. Voigt, Jr., 314 Washington Loan and Trust Bldg., Secy. and Treas. J. Wenig, 721 10th St., Arch.

**Ohio, Dayton**—(Official)—Dam—City receiving bids Sept. 15 for Island Park Dam. F. O. Eichelberger, City Engr. Noted Sept. 7. (See adv. Sept. 7 issue.)

**Iowa, Onawa**—(Official)—Straightening River—Monona County receiving bids Sept. 19, Soldier River, to abate floods. About $66,000. J. P. Olander, Onawa, County Audr. Noted Aug. 24.

**Alta., Calgary**—(Official)—Asphalt Plant—City receiving bids Sept. 25 for purchase of 1 No. 11 Warrens Portable Asphalt Repair Plant. (See adv.)

**B. C., New Westminster**—Dry Dock—Vulcan Iron Works plans. About $200,000. J. R. Duncan, Mgr.

### Bids In and Contracts Awarded

**Mass., Billerica**—Gantry Track—Boston & Maine R.R., Boston, let contract to W. N. PIKE & SON, Lawrence, about $40,000.

**Mass., Boston**—(Dorchester)—Filling—City received lowest bid from W. J. Barry, 431 Ashland St., Roslindale.

**N. Y., Gouverneur**—Dam—Contract, Cranberry Lake, let to EATON & BROWNELL, Watertown, $25,000.

**N. Y., New York**—(Bronx)—(Official)—Filling—F. Brancaccio & Co., 348 East 15th St., Manhattan, at $62,480, low bidder filling in swamp lands in southerly portion Van Cortlandt Park. Noted Aug. 31.

**N. Y., New York**—(Brooklyn)—(Official)—Comfort Station—Finnan & Lee, 155 Rogers Ave., at $5,755, low bidder, Ft. Hamilton Park. Noted Aug. 31.

**N. Y., New York**—(Brooklyn)—(Official)—Retaining Wall—N. Di Menna, 2336 Cambreiling Ave., Bronx, at $4,818, low bidder along north property line of Bushwick Playground, Putnam, Knickerbocker and Irving Ave.

Miscellaneous (Continued)

**N. Y., New York**—(Manhattan)—(Official)—Frogs and Switches—Low bidders 4 portions special work for rapid transit railroads, Pelham Line subway, Order No. 10; Ramapo Iron Works, 30 Church St., $11,427; Bethlehem Steel Products Co., 11 Broadway, $11,833; W. Wharton, Jr., & Co., Inc., 30 Church St., $12,126. Noted Aug. 31.

**N. Y., New York**—(Manhattan)—(Official)—Track Installation—Low bidders installation of tracks for 7th Ave. branch of Seventh Ave.-Lexington Ave. Rapid Transit R.R., boroughs of Manhattan and Brooklyn; Engel & Hevenor, 220 Broadway, $229,440; T. Crimmins Contracting Co., 441 East 69th St., $248,475; T. H. Reynolds Contracting Co., 15 Park Row, $260,010. Noted Aug. 31.

**N. Y., New York**—(Manhattan)—(Official)—Cables—Fire Comr., Municipal Bldg., received bids Aug. 24 for underground lead-covered distribution cables from 82d St. to Ft. George Ave. from Okinite Co., 413 Postal Bldg., $139,069; Safety Insulated Wire and Cable Co., $142,138; Standard Underground Cable Co., $183,722. Noted Aug. 24.

**N. Y., New York**—(Manhattan)—(Official)—Frogs and Switches—Pub. Ser. Comn. for First Dist. let contract for supply of special work, Order No. 9, frogs and switches, for use of Rapid Transit R.R., Culver Line, to RAMAPO IRON WORKS, 30 Church St., $29,859. Noted Aug. 17.

**Miss., Clarksdale**—Levee Work—Yazoo—Mississippi Delta Levee Bd. let contract emergency loop to R. L. LEONARD & CO., Memphis, $100,000. Noted Mar. 16.

**Miss., Gulfport**—(Official)—Seawall—City rejected bids received Sept. 5. About $180,000. H. D. Shaw, City Engr. Noted Aug. 17.

**La., New Orleans**—Levee—Contract Gretna to Gouldsboro Levee, 69,000 cu.yd., let to T. O. HOTARD, 24.50c. per cu.yd.

**La., Transylvania**—Levees—Contract 150,000 cu.yd. levees let to HELGASON BROS.

**Tenn., Memphis**—Levee—Shelby County Comrs. let contract Benjestown Levee to C. G. GOWAN, Bartlett, $15,000.

**Ohio, Cincinnati**—Comfort Station—Bd. Control let contract to J. M. QUILL, 1737 Madison Rd., about $29,000.

**Ohio, Norwood**—Comfort Station—City let contract to G. HAMBLY, 2604 Harris Ave. About $18,000.

**Ohio, Put-in-Bay**—Retaining Wall—Perry Centennial Comrs. let contract north side Perry Centennial Monument to N. FOX & SONS, Put-in-Bay.

**Ohio, Toledo**—Coaster Track—Walbridge Park Toboggan Co. let contract, Walbridge Park, to T. M. HARTON CO., Toledo, $12,000.

**Ohio, West Park**—Fire Station—W. Moore & Co., 1276 West 4th St., Cleveland, submitted lowest bid, 2-story. About $20,000. F. Feutcher, Clk. Noted Aug. 10.

**Mich., Detroit**—Dock—Berry Bros. let contract to CANDLER DOCK AND DREDGE CO., 305 Moffat Bldg.

**Ill., Peoria**—Pavilion—Pleasure Driveway and Park Dist. let contract to W. BENSON, 416 College St. About $15,000.

**Mo., Kansas City**—Shelter Station—Kansas City Railway Co. let contract, 23d and Main St., to E. L. WINN CONSTRUCTION CO., 105 Midland Bldg.

**Ark., Lake Village**—Levee—Chicot County let contract Gaines Landing Levee, 60,000 cu.yd., to G. R. LACY, 39c. per cu.yd.

**Tex., Houston**—Conveyors—City let contract 3 apron conveyors, Reno Type, at Wharf No. 4 to E. HANAK CONTRACTING CO., Houston, $18,167. Noted Aug. 10.

**Okla., Oklahoma**—Grandstand—State Fair Dirs. let contract to LISLE-DUNNING CONSTRUCTION CO., Oklahoma. About $12,000.

**Colo., Boulder**—Bathhouse—City let contract to NELSON & PETERSON, Butte, Mont., about $15,000.

**Wash., Everett**—Rehabilitating Elevated Roadways—Snohomish County Comrs. let contract to EVERETT CONSTRUCTION CO., Everett, $11,535.

**Wash., Seattle**—Comfort Station—City will build 4th Ave. and Madison St., by day labor. About $22,187. Noted July 6.

**Ore., Marshfield**—Wharf—Portland, Eugene & Coos Bay Land Co. let contract at Crawford Point to NOBLE PILE DRIVING CO.

**Calif., Los Angeles**—Sprinkler System—Contract automatic sprinkler system in municipal harbor warehouse let to PACIFIC FIRE EXTINGUISHER CO., H. W. Hellman Bldg., $11,000. Noted Sept. 7.

## BUILDINGS

### Proposed Work

*Other items relative to Building Construction will be found under the following headings: "Industrial Works;" "Federal Government Work" and "Miscellaneous."*

**N. H., Exeter**—Gymnasium and Swimming Pool—Phillips Exeter Academy receiving bids about Oct. 10, 1-story, 80x100-ft. F. A. Colby, 15 East 40th St., New York, Arch. Noted Aug. 24.

**Mass., Amesbury**—High School—City receiving bids Sept. 18, 2-story, 125x168-ft. About $125,-600. Noted Aug. 17.

**Conn., New Haven**—(Official)—New Haven Orphan Asylum, New Haven, receiving bids for 3 office buildings, 4-story, 30x75-ft., 5-story, 45x135-ft. and 4-story, 40x100-ft. respectively, about $250,000. Stephenson & Wheeler, 2 West 45th St., New York, Arch.

**N. Y., East View**—(Official)—Alma House—Westchester County receiving bids, 2-story, 500x800-ft. brick. About $500,000. Walker & Gillette, 128 East 37th St., New York, Arch.

**N. Y., New York**—(Bronx)—(Official)—Theater H. Jame, care of Cortland Realty Co., 200 Broadway, Manhattan, receiving bids, 80x121-ft., brick, about $100,000. J. M. Felson, 1133 Broadway, Manhattan, Arch.

**N. Y., New York**—(Brooklyn)—(Official)—Store Alte Building Co., 44 Court St., receiving bids, 1-story, 126x150-ft., brick, about $60,000. S. Millman, 26 Court St., Arch.

**N. Y., New York**—(Queens)—(Official)—Office—Title Guarantee and Trust Co., 176 Broadway, Manhattan, receiving bids, 3-story, 63x135-ft., brick, Jamaica. About $105,000. Severance & Van Allen, 4 West 37th St., Manhattan, Arch.

**N. Y., Westbury**—(Official)—Riding Academy—W. R. Grace, 7 Hanover Sq., New York, receiving bids for two wings, 2-story, 35x110-ft. and 26x85-ft. additions. About $80,000. J. O'Connor, 3 West 29th St., New York, Arch.

**N. J., Garfield**—High School—Bd. Education receiving bids Sept. 21. About $90,000. W. J. Kelly, P. O. Bldg., Passaic, Arch. Noted Mar. 2.

**Penn., Chester**—Theater—J. F. Zimmerman soon lets contract, brick, stone, concrete and terra cotta. About $200,000. Hoffman Co., Globe Theater Bldg., Philadelphia, Arch. Noted Aug. 10.

**Md., Baltimore**—Store, Theater and Garage—Majestic Theater making plans, 3-story, 75x300-ft. About $80,000. Blanke & Zink, 647 Equitable Bldg., Arch.

**Ohio, Elyria**—(Official)—Bank—Elyria Savings Deposit Bank and Trust Co. receiving bids, 2-story, 36x100-ft., marble and granite. About $45,000. A. Hopkins, 101 Park Ave., New York, Arch. Noted Aug. 24.

**Ohio, Weston**—School—Bd. Education receiving bids Sept. 23, 2-story, 45x58-ft. About $45,000. S. P. Stewart & Son, Bowling Green, Arch. Noted Aug. 24.

**Mich., Brooklyn**—School—Bd. Education receiving bids Sept. 21. W. M. Taylor, Secy. L. H. Field, Jr., Jackson, Arch.

**Wis., Prairie du Chien**—High School—Bd. Education receiving bids Sept. 22, 2-story. About $60,000. Parkinson & Dockendorff, La Crosse, Arch. Noted May 25.

**Minn., Mora**—High School—City voted $40,000 bonds. Noted Aug. 17.

**Minn., Rochester**—Hotel—Kahler Hotel Co. plans 8-story annex to Zumbro Hotel. About $75,000. F. H. Ellerbe, 692 Endicott Arcade, St. Paul, Arch.

**Minn., St. Paul**—(Official)—Hospital—Clarence Johnston, Arch., Capital Bank Bldg., receiving bids about Nov. 1 for St. Joseph Hospital. About $400,000. Noted Aug. 31.

**S. D., Clear Lake**—Courthouse—Deuel County soon receives bids, about $85,000. J. M. Wold, Clear Lake, Audr. Buechner & Orth, 500 Shubert Bldg., St. Paul, Arch. Noted Aug. 10.

**S. D., Irene**—School—Bonds for $40,000 voted.

**S. D., Sioux Falls**—School—Lutheran Normal School plans, about $55,000.

**N. D., Mayville**—High School—Haxby & Braseth, Fargo, making plans, 3-story, brick. Bids about Sept. 20.

**Mont., Bozeman**—Theater—Gallatin Amusement Co. making plans, about $75,000. F. F. Wilson, Arch.

**Mont., Kalispell**—High School—Powell County soon votes on $60,000 bonds.

**Mo., Bowling Green**—Courthouse—City votes Nov. 7 on $100,000 bonds. Noted May 25.

**Mo., Carthage**—Schools—Bd. Education receiving bids Sept. 22 for 2 ward schools. About $40,000 each. W. F. Maring, Secy. Noted July 27.

**Mo., Jewell**—High School—City plans. About $40,000.

**Mo., St. Joseph**—Empire Trust Co. made plans for 3-story building at 8th and Francis St. About $50,000.

**Mo., St. Joseph**—Church—First Christian Congregation soon receives bids, 10th and Faraon St. About $75,000. W. Boschen, Arch.

**Ark., Little Rock**—Bd. Trustees University of Arkansas plans 4-story building at State General Hospital, about $150,000.

**Tex., Cuero**—Jail—De Witt County making plans, 3-story, about $150,000. Address County Clk., Cuero.

**Tex., Dallas**—Baptist General Convention of Texas plans buildings and improvements to Baylor Medical College and Baptist Sanitarium, about $255,000. Address G. W. Truett, Baptist General Convention of Texas.

**Tex., Houston Heights — Schools—See** item under "Miscellaneous."

**Tex., Marlin**—School—Bd. Education soon let contracts. About $60,000. C. D. Hill & Co., Dallas, Arch. Noted Aug. 17.

**Tex., Paris**—Courthouse—County Comrs. making plans. Buchanan & Gilder, Ft. Worth, Arch.

**Okla., Sapulpa**—Bank—First National Bank making plans, 3-story. W. M. Griffith & Sons, Arch.

**Colo., Denver**—J. K. Mullen plans Home for Aged on 29th Ave. About $400,000.

**Colo., Denver**—Store—A. T. Lewis & Son Dry Goods Co., 16th and Stout St., plans 6-story addition. About $300,000. H. W. J. Edbrooke, Tabor Grand Bldg., Arch.

**N. M., Magdalena**—School—Plans made, 2-story, 48x72-ft. brick. About $40,000. A. N. White, Santa Fe, Supt. Pub. Instruction.

**Idaho, Wallace**—Hotel—A. G. Moodhe, 115 East Liberty St., Spokane, Wash., plans, 3-story, 99x100-ft., at Wallace. About $70,000.

**Nev., Hawthorne**—Hospital—Mineral County receiving bids Sept. 18. J. H. White, Hawthorne, County Clk.

**Ore., Bend**—Store and Office—D. H. Sphier made plans, 2-story, 50x150-ft. brick. O. G. Brubaker, 1037 Wall St., Arch.

**Ore., Portland**—Store—A. Huth, Tacoma, made plans, 5-story, brick and concrete. About $150,000. J. V. Bennes, Chamber of Commerce Bldg., Arch.

**Calif., Colusa**—School—City plans. About $65,000.

**Calif., Los Angeles**—Theater—R. Aronson and associates plan. About $500,000. W. Curlett & Son, Mercantile National Bank Bldg., Arch.

**Calif., San Diego**—J. M. Anderson, New Southern Hotel, plans 10-story building at 5th St. and Broadway.

### Bids In and Contracts Awarded

**Mass., Gloucester**—New England Telephone and Telegraph Co., 50 Oliver St., Boston, let contract 2-story, 50x60-ft., brick building to D. L. SHEPARD, 46 Cornhill St., Boston.

**Conn., Bridgeport**—(Official)—High School—Bd. Education let contract to EASTERN ENGINEERING AND CONTRACTING CO., Derby. Noted Aug. 24.

**N. Y., New York**—(Manhattan)—Barnard College let contract 4-story students' building on Broadway near 116th St. to C. A. COWEN & CO. About $600,000. Noted June 22.

**N. J., Butler**—Church—St. Anthony's Church let contract addition to MILLER & REED, 103 Park Ave., New York.

**Penn., Tarentum**—People's National Bank let contract building to R. H. FISHER, $50,000.

**Va., Roanoke**—Hospital—Lewis Gates Hospital let contract addition to J. F. BARBOUR & SONS, Roanoke. About $40,000. Noted Aug. 17.

**Ga., Atlanta**—Store and Office—Chamberlin-Johnson Du Bosse Co. let contract, Whitehall St. to CUDE & CO., Atlanta. About $150,000.

**Ky., Covington**—(Official)—German Mutual Fire Insurance Co. let contract 3-story building to J. J. CRAIG, Covington. Noted Aug. 24.

**Ohio, Eaton**—Courthouse—Roche, Brunner Co., 910 Johnston Bldg., Cincinnati, submitted lowest bid, 3-story, 76x147-ft. About $250,000. Noted Aug. 10.

**Ind., Bedford**—Lodge—B. P. O. E. let contract, 2-story, to LESLIE COLVIN, Anderson. About $40,000. Noted May 25.

**Mich., Jackson**—Hospital—City received lowest bid, 4-story, 47x138-ft., from O. W. Rosenthal, 80 East Jackson Blvd., Chicago. About $150,000. Noted July 20.

**Ill., Blue Island**—High School—Bd. Education let contract, 2-story, 85x180-ft., to ENGELS CONSTRUCTION CO., West Pullman. About $80,000. Noted Aug. 17.

**Ill., Peoria**—Contract 12-story addition to Lehmann Bldg. let to V. JOBST & SON, Peoria, $250,000.

**Wis., Plum City**—School—City let contract to L. A. FRANK, Elmwood.

**Iowa, Ft. Dodge**—Hotel—Contract addition to Wahkonsa Hotel let to J. C. MARDIS CO., Des Moines, $125,000. Noted May 25.

**Iowa, Monticello**—Hospital—H. M. Jones let contract to A. H. MEWMANN & CO., 519 Hubbell Bldg., Des Moines. About $50,000. Noted Aug. 24.

**Kan., Parsons**—Hospital—Epileptic Hospital let contract addition to J. W. PARHAM, Dodge City. About $50,000. Noted June 22.

**Neb., Stella**—High School—City let contract to A. H. MILLER.

**Mont., Bute**—Theater and Office—Silver Bow Amusement Co. let contract, 4-story, 94x100-ft., brick, concrete and terra cotta, to KIEBURTZ & SMITH, Railway Exchange Bldg., Seattle, $65,000.

**Mo., Macon**—Library—Contract public library let to SIMON CONSTRUCTION CO., Columbia, $112,762.

**Calif., Sacramento**—Temple—Knowles & Mathewson, San Francisco, $139,778, submitted lowest bid, 4-story, 11th and J St., for Native Sons, F. & A. M. Noted Aug. 10.

**B. C., Vancouver**—Office—Canadian Northern Railway Co. let contract, 2-story, 50x800-ft., iron and steel to NORTHERN CONSTRUCTION CO., 736 Granville St., Vancouver. Noted Aug. 31.